JUNE
1947

PERIODICAL

AMERICAN RIFLEMAN

PUBLIC LIBRARY
JUN 14 1947
DETROIT

L1376 SUB Jan. 48 R
Detroit Public Library,
Periodical Division,
5201 Woodward Ave.,
Detroit 2, Mich.

How much alike can match cartridges be?

BEFORE THAT next match, buy a supply of Peters Police Match or Dewar Match 22 Long Rifle cartridges. Compare their dimensions with a micrometer . . . and you'll be amazed to see how much alike cartridges can be.

Years and years of technical "know-how" in manufacture and testing are reflected in every Peters cartridge you shoot. Years of experience in making and delivering *only the best*. Yes, only the finest match cartridges ever reach your hands when you buy Peters match ammunition. From every lot produced, samples are taken and submitted to exacting tests for perfection. Through and through, these cartridges must fall within close tolerances for dimensions, velocity and accuracy. Many groups no larger than a 25-cent piece are shot at 100 yards on Peters ballistic ranges from match rifles in machine-rest.

Next time you go out to the range, make it a special point to shoot Peters Dewar Match or Police Match 22's . . . or Peters Rustless 22's for practice. Shoot them with confidence—for *sameness in shooting*—for possible after possible. Made *by* experts *for* experts, there's no more accurate rim fire ammunition in the world.

Electric eyes look for *sameness in velocity* in Peters Match 22's. Peters experts use the electronic-type counter chronograph to test velocity of samples from every lot of Peters match cartridges.

Sameness in cartridges means sameness in shooting! That's why many a group, made on Peters ballistics ranges at 100 yards using match rifles in machine-rest, is no larger than a 25-cent piece!

PETERS
PACKS THE POSSIBLES

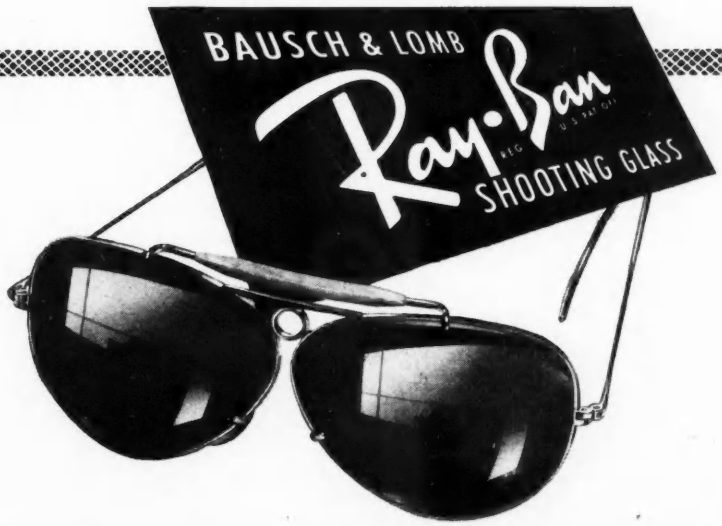
DU PONT

PETERS CARTRIDGE DIVISION, *Remington Arms Co., Inc., Bridgeport 2, Conn.—"Dewar Match" and "Rustless" are Reg. U. S. Pat. Off.—"Police Match" is a trademark of Peters Cartridge Division.*

Clear VISION
Cool VISION
Comfortable VISION

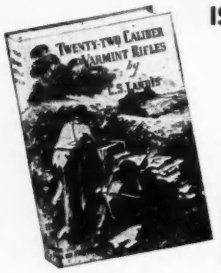
YOU can't do your best on the line unless your vision is keen, comfortable, effortless. Thousands have found cool comfort in brightest sun from Ray-Ban, the Bausch & Lomb sun glass. The special Ray-Ban shooting glass is the answer to the recommendation of leading rifle, handgun, trap, and skeet men. It has the desired large, deep-curved lenses, shaped for widest field of unobstructed vision. Its frame is strong, comfortable on the face. And the unique property of Ray-Ban lenses is the ability to filter out glare and transmit a sharp view of the target. For the most in cool, comfortable vision, scientifically safe, wear Ray-Ban. Bausch & Lomb Optical Co., 250-F Lowell St., Rochester 2, N. Y.

If you wear glasses, ask your optometrist, ophthalmologist, or optician about Ray-Bans in your own prescription.



"Sammy's dood it agin"

IS THE VERDICT ON THESE NEW BOOKS



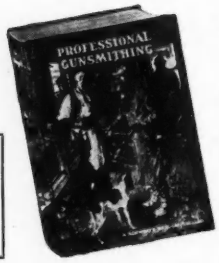
PRICE $5.00 Delivered

TWENTY-TWO CALIBER VARMINT RIFLES

By Charles S. Landis

PROFESSIONAL GUNSMITHING

By Walter Howe



PRICE $6.00 Delivered

When Better Gun Books Are Published They'll Be in the Samworth Catalog

Read These Voluntary Expressions . . .

"Of the long string of good gun books you have published, *TWENTY-TWO CALIBER VARMINT RIFLES* tops them all. I must write Mr. Landis; he deserves a well-earned pat on the back for getting out a book that is jammed full of information on the now highly popular Varmint rifles. It is the best without question that I have run across. I know a lot of Varminter and 22/250 nuts and I further know that they will grab this book and read it over and over even though their wives are belting them with a broom at the time."—*Emil J. Koshollek, Gunsmith, Stevens Point, Wis.*

"Enclosed is check for *TWENTY-TWO CALIBER VARMINT RIFLES.* You deserve thanks for publishing a book on this subject; we sure needed a compilation of all the scattered data on this subject."—*J. K. B., Washington, D. C.*

"I am more than pleased with *TWENTY-TWO CALIBER VARMINT RIFLES.* This is a book every small-bore, high-velocity 'nut' should have and *read!*"—*W. Q., Heyworth, Ill.*

"After a brief survey of the contents of *TWENTY-TWO CALIBER VARMINT RIFLES* I am sure you have a really fine book. I am a collector of this type of book and have all your other books."—*E. E. F., Chicago, Ill.*

"*TWENTY-TWO CALIBER VARMINT RIFLES* sells just about as quickly as I get them in."—*Dealer, Little Rock, Ark.*

"I have just finished reading *TWENTY-TWO CALIBER VARMINT RIFLES.* I consider this book to be the finest of its type ever published and I thank you sincerely for making available to the shooters of the nation such a fine, well-prepared work."—*R. D. C., Albany, N. Y.*

"There would be less starving gunsmiths in the world at large if they all read and took to heart the first chapter of Walter Howe's *PROFESSIONAL GUNSMITHING.*"—*Charles T. Haven.*

"I received the two copies of Walter Howe's *PROFESSIONAL GUNSMITHING* and have spent several hours going over it. I think it is the best book of its kind I have ever seen."—*Dealer, Los Angeles.*

"Here is postal note for $6 for Walter Howe's *PROFESSIONAL GUNSMITHING.* I would also like a copy of your catalog. I have been buying your books for the last 10 years and now have 26 of them. I also buy the works of other publishers in the same field but I seldom find one that equals your books and never find one better."—*J. M. A., Delhi, N. Y.*

"Have just finished reading *PROFESSIONAL GUNSMITHING* by Walter Howe and found it very interesting and informative. After reading the back of the cover, I realize you print a number of books which I have not bought so please send me a catalog. Your *ENGLISH PISTOLS & REVOLVERS,* by J. Nigel George, was my first gun book and it has grown (and still is) into a collection. Thank you for a fine addition to a small library."—*S/Sgt. C. H. M., Philadelphia, Pa.*

"I am the proud owner of several books published by your concern. You are to be commended on the fine quality of your bindings and the easily readable type you put into your publications."—*W. W. F., York, Pa.*

"Please send catalog. I would like to keep a few of your books in stock as I have all of them in my own personal library and am convinced that they are the best books of their kind on the market."—*J. McPhee, Gunsmith, Dallas, Tex.*

Published by

THOMAS G. SAMWORTH

Small Arms Technical Publishing Co.

Plantersville, South Carolina

Order from Booksellers, Gunshops, Sporting Goods Stores or Direct

SEND 3¢ STAMP FOR CATALOG OF ALL SAMWORTH BOOKS

DEALERS . . .

Get your share of the post-war profitable firearms book business by keeping a good stock of Samworth Books on Firearms. We do not publish all the gun books; we do publish the best gun books—and have been doing so for the past 20 years. Our line offers the cream of the crop in technical works and books of instruction for those who shoot, study and enjoy firearms. Write for Price List.

RIFLEMAN WORDS . . . .

Each month this "lexicon for shooters" is devoted to a few words peculiar to the shooting game which may be puzzling to the newcomer. All words defined here are used in a current article.

BARREL CORROSION—An eating away of the metal through corrosive action—rusting. The residue left by some types of explosives are corrosive agents.

BARREL EROSION—A wearing away of the chamber and bore of a gun barrel from mechanical wear and from the action of the hot powder gases.

BARREL FITTING—A term usually applied to the fitting of a rifled and chambered barrel to an action so that the relation between the chamber and bolt face leaves the proper amount of headspace.

BINOCULAR ALIGNMENT—A binocular is aligned when the optical centers of the two individual tubes are parallel. If the tubes are hinged on a common axis, the optical centers must be parallel to this axis.

CHOKE—A constriction or in some cases a recess near the muzzle of a shotgun by which the size of the shot pattern is controlled.

COCKING PIECE—An attachment of, or integral part on, the rear end of the firing pin of most bolt-action rifles. This provides a means of cocking the rifle by pulling the firing pin back within the bolt sleeve.

EXPANSION REAMER—A reamer having slotted flutes. The flutes are expanded by a tapered pin or a nut on the end of the reamer, usually used to vary the diameter of a hole.

EXTRACTOR GROOVE—The groove around the head of a cartridge case which provides a grip for the extractor of the weapon.

FIELD OF VIEW—When talking about telescopes or binoculars this term refers to the diameter of the field of vision at any one range or the field of vision in degrees of angle. It is the usual practice to give the field of view in yards at 100 yards. It is sometimes quoted in feet at 100 yards or yards at 1000 yards.

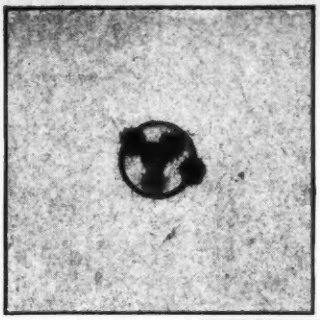
MANNLICHER STOCK—A stock which extends the full length of the barrel.

MIL—An angular measurement used in fire control. Originally it was the angle subtended by 1/1000 of the range; that is one yard at 1000 yards. For ease of division it is now taken as 1/6400th of a circle or 3.375 minutes. Thus, one mil at 1000 yards subtends .982 yards.

OBTURATION—The sealing of a gun breech by expansion of the brass cartridge case against the chamber walls to prevent the escape of gas.

STABILIZED BULLET—A bullet in flight which has the proper amount of spin to prevent it from tumbling or yawing excessively. The stability of the bullet is governed by gyroscopic action.

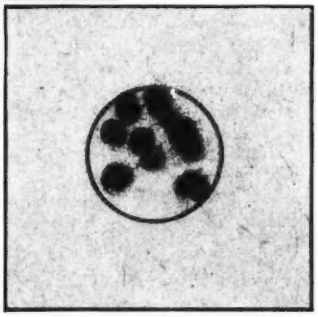
SPOT ANNEAL—The annealing of a small spot on a piece of steel while leaving the rest of the steel hard. This technique is frequently applied to rifle receivers which are too hard to drill and tap for scope blocks.



Now a precision TARGET GUN for serious indoor-outdoor TARGET PRACTICE

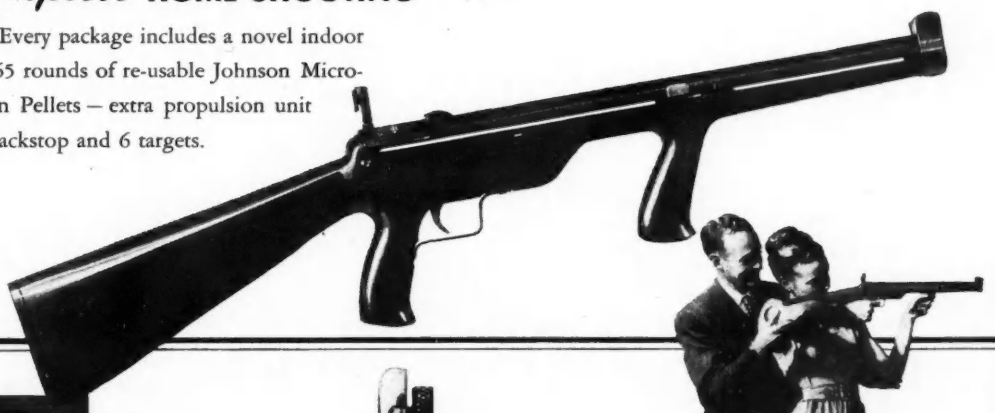
5-SHOT GROUP AT 25 FEET
¼ inch spread. Corresponds to a 3 inch group at 100 yards. Here is true rifle accuracy in your own home.

10-SHOT GROUP AT 25 FEET
½ inch spread. All firing by one operator, using sights, firing from bench rest, with elbow and forearm support.



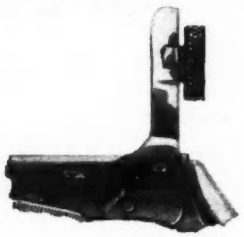
At last—an all-'round target gun so *accurate* you can get serious, year-round, economical target practice. It's the safest, most accurate, low-velocity gun ever devised—the magazine-fed Johnson Indoor Target Gun. Not an air rifle, not a firearm, it is virtually *as accurate as a fine rifle* at ranges up to 30 feet. Adjustable front and rear sights (for windage and elevation)—all metal parts of fine blued steel—rugged stock of highly polished genuine plastic—65-shot repeater.

WITH *Complete* HOME SHOOTING GALLERY Every package includes a novel indoor target range—65 rounds of re-usable Johnson Micro-Match Precision Pellets—extra propulsion unit—shot-saver backstop and 6 targets.



Designed by famous arms inventor

This gun was developed by Melvin M. Johnson, Jr., President of Johnson Automatics, Inc., inventor of the war-celebrated Johnson Semi Automatic Rifle and the Light Machine Gun.



REAR PEEP SIGHT—

Military - target - shooting type—adjusts for elevation. Front sight adjusts for windage. Actual conditions of target rifle shooting are reproduced.

HIT OF THE PARTY!

Set up the Johnson Home Shooting gallery in living room or rumpus room—makes any party a success! Ideal for real instruction, too—as well as serious, year-round indoor practice for skilled marksmen.

Johnson *INDOOR* TARGET GUN

If your dealer cannot supply you, write direct to Johnson Automatics, Incorporated, Dept. R-2, 84 State Street, Boston 9, Massachusetts.

Does ALL the Job at HALF the Price

MOSSBERG 20-POWER "SPOTSHOT"

Does everything on the range that a shooter requires of a Spotting Scope (easily defines 22 caliber bullet holes in the black at 100 yards).

Ideal for *any* long distance observation — at seashore, in the mountains, or elsewhere.

Obtainable at a price any shooter can afford.

Features of the "SPOTSHOT"

- 20 Power.
- Erecting objective lens is achromatic, 38 m.m. in diameter.
- Ample tube protection beyond objective lens to prevent glare, and increase contrast and definition.
- Eyepiece lens is 10 m.m. Micrometer adjustment for focus.
- Large eyepiece prevents outside glare and eye fatigue.
- All mechanical parts assembled with machine threads.
- All parts held to precision tolerances. Interchangeable in the field.
- Durable metal caps protect objective and eyepiece lenses.
- Length extended 17 inches, closed 12½ inches. Weight 1½ lbs. Field approximately 7½ feet at 100 yards. Black crinkle finish.

Features of the STAND...

- Design of legs allows shooter to get conveniently close to scope and permits movement of shooter's arm without interfering with scope.
- Grooved support bar permits easy height adjustment. And ball end screws, fitting into grooves, enable shooter to swing scope both right and left to view other targets without disturbing vertical adjustment.
- No back lash in elevation adjustment as the weight of the scope furnishes the necessary pressure.
- Does not sink excessively into ground. Has three point support.
- Folds compactly to 10" x 3¼" x 3".
- Can be used with any make of spotting scope.

SEE the MOSSBERG "SPOTSHOT" and STAND at your dealer's

O. F. Mossberg & SONS, INC.

72506 St. John Street • New Haven 5, Conn.

Incidentally . . .

As you thumbed through this issue for a first look, you may have wondered what has become of the color we've been using to dress up the pages of the magazine . . . and why there are only nine articles listed on the contents page, instead of the usual fourteen or fifteen. That article of Garrett Underhill's for one thing . . .

seven packed pages devoted to one subject is a long way from our usual policy, but this time we think it justified. Underhill's study of Soviet preparedness is so timely, so pertinent from every angle . . . an enviable scoop . . . that we decided against even attempting to cut . . . and used every word of it. Our guess is that this and the subsequent studies Underhill has promised will stand for many, many months as *the* authoritative references on the subject . . . successors to Underhill's factual surveys of the Red Army (THE AMERICAN RIFLEMAN, August, September, 1941) which even our Ordnance Department admitted as first-rate scoops. And the equally timely discussion of the Garand as a semiautomatic sporting rifle . . . another long one but, coinciding with the first announcement of issue of M1's to NRA rifle clubs and the possibility of sales to civilians (admittedly nebulous at this stage), it leads up to a lot of interest in Uncle Sam's war-spawned service rifle and its possibilities. And there's a new *annual* feature, too, to crowd our schedule this month . . . complete varmint laws, compiled by our Technical Department as a service for our hunter-members.

☆ ☆ ☆

But these three articles are not the whole story. Essentially, it is printing trouble again . . . the same unavoidable trouble experienced by almost every magazine in the country . . . with us, greatly aggravated by constant, skyrocketing growth. For instance, in the face of a paper shortage that actually put some magazines out of business, our monthly paper consumption has risen from eighteen tons to nearly seventy-five. More paper, more pages,

more magazines . . . with the result that available facilities and supplies are strained to the breaking point. (And we might add with a note of justifiable pride, all of this without attempting to raise the cost of annual membership in the Association. That same old three dollars has paid for a year's membership-subscription for over a quarter century. Compare that with rising costs in other fields!)

So, among other things, we've outgrown available printing facilities. Instead of the old flat-bed presses that used to turn out our 70,000 or 80,000 copies in a week, we are going to have to find high-speed rotary presses that will give us a quarter million of our *bigger* 1947 magazines in even less time than that old seven-day limit.

That problem of presses is tied in with all of the other factors of producing a magazine in 1947 for a 1921 price . . . the need for economical rotaries instead of slow, costly flat beds . . . paper in rolls instead of sheets . . . factors you never see, or realize, that enter into this business of printing a magazine. Once those presses, which have been on order a whole lot longer than that car you're waiting for, can be set up by our printer . . . or when we can locate another printer with the equipment and the time to devote to a big new job (no easy matter these days) . . . the problem will disappear. Until then, we have to tighten our belt . . . plan our magazine to suit the presses we have and the paper we can get.

So, for the time being, eight fewer pages, and the loss of that color . . . not fatal steps, to be sure . . . mean that our printer can keep up with our growth, and hold our costs within the budget dictated by that three-dollar membership we are trying so hard to maintain.

Before long, unless old Devil Economics changes our plans, we will be able to replace those missing pages, and put the color forms back on the presses. In the meantime we'll be trying, as always, to pack as much gun lore into the pages of THE RIFLEMAN as we can. And we'll be keeping our fingers crossed. If our luck holds, it shouldn't be many issues before the magazine can go back to its old size and two-color format.—J. S.

COVER

This picture of two young marksmen under the watchful eye of their coach was made by Richard L. Reisch, NRA Staff photographer. Exposure was one-fiftieth of a second at f/6.3, with Daylight Kodachrome in a 4x5 Speed Graphic.

PUBLISHED MONTHLY BY THE NATIONAL RIFLE ASSOCIATION OF AMERICA, 1600 RHODE ISLAND AVENUE, WASHINGTON 6, D. C. DOMESTIC RATES (NORTH, SOUTH, AND CENTRAL AMERICA) $3.00 A YEAR; $5.00 FOR TWO YEARS. ELSEWHERE, $3.60 A YEAR; $6.50 FOR TWO YEARS. ENTERED AS SECOND-CLASS MATTER, APRIL 1, 1908, AT THE POST OFFICE AT WASHINGTON, D. C., UNDER ACT OF MARCH 3, 1879. COPYRIGHT, 1947, NATIONAL RIFLE ASSOCIATION OF AMERICA. ALL RIGHTS RESERVED. FOR CHANGE OF ADDRESS, GIVE BOTH NEW AND OLD ADDRESS AS THE LATTER APPEARS ON ADDRESS LABEL.

The AMERICAN RIFLEMAN

Official Journal of the National Rifle Association of America

VOLUME 95 NUMBER 6

JUNE 1947

War and Peace 6
AN EDITORIAL

Citizens Under Arms 7
BY GARRET UNDERHILL

The M-1 as a Sporter 11
BY LUDWIG OLSEN AND RAYMOND ZEHM

The Night Before the Match 15
BY LEE ECHOLS

That Man Niedner 17
BY GERALD KELVER AND DAVE LANAGAN

1947 Regional Championships 20

Varmint Laws and Seasons 21

Sam Colt's Repeating Pistol, Conclusion 23
BY MAJOR B. R. LEWIS

The .25-'06 Rides Again 29
BY WILLIAM CORSON

Old Coach 36

☆ ☆ ☆

C. B. LISTER, *Editor*
JOHN SCOFIELD, *Managing Editor*
J. S. HATCHER, *Technical Editor*

Associate Editors
J. A. HARPER R. J. STANN

L. Q. BRADLEY, *Circulation*
J. T. BERRYMAN, *Art*
F. A. MOULTON, *Advertising*
R. L. REISH, *Photography*

THE GUNSMITH'S ALL-PURPOSE TOOL

A South Bend Precision Lathe will give your shop the versatility it needs. With the wide range of operations it performs it will enable you to do a greater variety of gun jobs. And numerous attachments simplify special classes of work—including wood turning.

Precision-built for precision work, a South Bend Lathe definitely contributes to better craftsmanship. Its dependable accuracy is a match for the most exacting close-tolerance machine work.

Write for Catalog 100-F which describes South Bend Precision Lathes with 9", 10", 13", 14½", and 16" swings; also tools, attachments, and accessories.

BUILDING BETTER LATHES SINCE 1906
SOUTH BEND LATHE WORKS
452 EAST MADISON STREET
SOUTH BEND 22, INDIANA

"HOW TO RUN A LATHE"
Useful operator's handbook on the operation and care of metal working lathes. 128 pages, 5⅛" x 8". 365 illustrations. Send 25c for postpaid copy.

South Bend Lathes

War and Peace

IT IS a peculiarity of the American character that we are at one and the same time the world's most practical production engineers and its most impractical dreamers.

The practical common sense side of our national character tells us that communism is an impractical scheme so long as one man has more brains, more strength, more courage, or more initiative than another. It is horse sense, not some abstract ideology that creates our distrust of the communistic theory of economic existence. What we do not seem to understand clearly is that, while the communistic theory of economics is merely an impractical *scheme,* the Communist Internationale is a definite thing, a menacing group of very practical *schemers*!

It is vital for us to realize that Russia and its satellite nations are controlled, whether or not they like it, by a highly disciplined, deeply indoctrinated, fanatically evangelical group of schemers who firmly believe that the end justifies the means. Their textbook repeats, time after time, that they *must control the world* to perfect their program and that violent revolution, the liquidation of the "bourgeoisie" is the *only* manner in which they can successfully achieve their end. Pending the time when they are strong enough for this revolution, it is demanded of the faithful members of the Party that they resort to every form of trickery, subterfuge, and lying that will enable them to advance the cause. All this is in the record. It is widely known. Yet the impractical side of our national personality leads us to such silly conclusions as that voiced over the radio a few weeks ago by a perfectly patriotic, honest, well-intentioned United States Senator who said, "I sincerely believe there is room in this world for both Communism and Democracy to exist in peaceful relationship." He is right, of course, if he means the Russian people and the rest of the world. He is tragically wrong if he means the Communist Party and the democratic world!

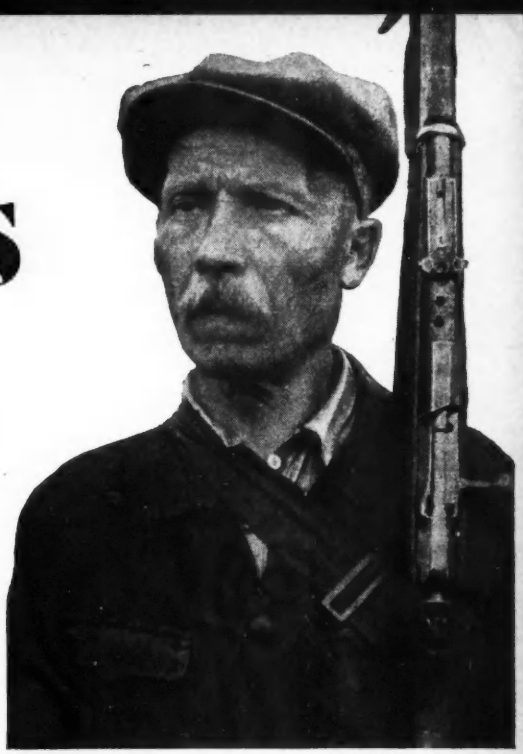
It is also vital to realize that while the Russian people fought violently in defense of their homes and that fight contributed largely to the defeat of the Nazi-Fascist axis, the Communist Party in Russia was at no time an ally-in-fact of the democracies. Although carefully concealed during the war, documentary proof of this fact is now available to the American people.

The bitter, practical pill we must swallow is the fact that while, God willing, we will never go to war with the Russian people, we are and have always been at war with the Communist Party—not because we want conflict but because the Communist Internationale demands nothing less than bloody revolution and the liquidation of the bourgeoisie as its price for peace. This fortunately is a war which can be won by America with propaganda and production, and by common sense control of Communist Party activities. Generations of Europeans and Asiatics have looked to America as the land where a man could be a man if he had the willingness to work and the ability to produce. The plain people of the world are practical people. They will agree with former Ambassador to Russia Davies who said in his farewell talk to the Embassy employees at Moscow on June 9, 1938, "I don't care how much totalitarian states or dictatorships may provide in material benefits or social benefits to children or old age, if liberty and freedom have to be sacrificed therefore, then the price is too high to pay."

That was the practical side of the American character speaking. We will lose our battle with the Communist Party only if we let the impractical side of our nature blind us to the facts which confront us today.—C. B. L.

CITIZENS IN ARMS

By GARRETT UNDERHILL



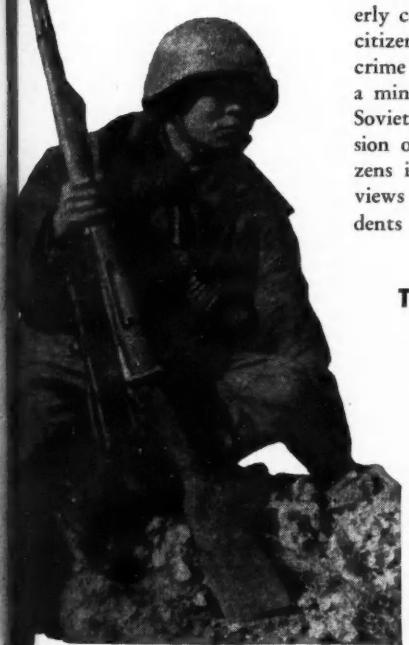
All illustrations from Acme

TYPICAL OF THE WISHFUL THINKING that many Americans indulge in with reference to the Soviet Union is the often-heard comment, "Arm the Russian masses and they will revolt against the minority Communist element which holds the Russian people in subjection."

Certainly, if it is *really* to the best interests of American law enforcement agencies to encroach constantly on the right of the American citizen to "possess and bear arms," it would be even more to the interest of the Soviet's estimated 6,000,000 Communists to keep arms out of the hands of the 182,000,000 other Russian citizens *if* those citizens are actually thirsting for revenge!

As a matter of fact the Russian authorities, who have had more practical experience than any other nation with "people-in-arms," take a very practical view of the situation. Being experts of long experience in the field of underground activities they know that felons, political assassins, and subversive groups have never been at a loss to obtain weapons when they wanted them. They know that this was true in the Russia of Czarist days with all of its elaborate system of restrictions and secret police. They know it has been true in every nation since the dawn of history, whether the arms consisted of short swords and slings, or rifles, pistols, and tommy guns.

There is every indication that in Soviet Russia today the police and government authorities are not too worried about guns in civilian hands. They seem to realize that in the fields of both criminal and subversive activity the important matter is the *mind* of the man behind the crime—not the tools used to commit the crime. Properly condition the mind of the citizen and the worry about crime and revolution becomes a minor matter. The positive Soviet attitude toward possession of arms by private citizens is also reflected in police views toward firearms accidents and the careless use of firearms. Their solution to these problems is not to curb the possession of weapons but to teach increasing numbers of Russians how to use guns and respect them.



AN AMERICAN JOURNALIST LIFTS THE "IRON CURTAIN" FOR A REVEALING VIEW OF THE SOVIET PREPAREDNESS PROGRAM . . . EXEMPLIFIED BY THE "CITIZENS IN ARMS" OF THE OSOAVIAKHIM ORGANIZATION.

Russia's marksmen are typified by these two. Above, senior foreman Petrov, foundry worker, shoulders a drill rifle. At left, Asiatic hunter Passar, whose sniping skill accounted for 127 Fascists in 1941-42

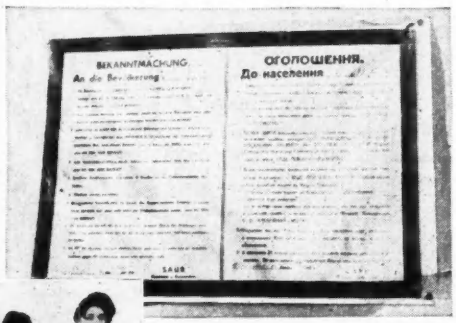
It is true that the manufacture, distribution, and possession of firearms is, like everything else in Russia, strictly regulated by the government. Police permits are required to purchase guns, all weapons must be registered, and transfers must be reported. National defense against outside aggressors seems to be a primary consideration. The arms registration lists are considered a military secret. Should such lists fall into the hands of an invader, the result would be fatal to the chances of effective guerrilla resistance which now, as in the past, is such an important part of the Soviet's defense plans.

The Russian authorities offer every inducement for individuals to become gun owners and to perfect their sporting and military marksmanship. Osoaviakhim is the Soviet national defense society. It covers a tremendously broad field, one segment of which corresponds to our National Board for the Promotion of Rifle Practice and Director of Civilian Marksmanship. The post-war program of Osoaviakhim calls for the establishment of both the human and material aspects of marksmanship on the highest level. The Soviets openly state that they expect to furnish arms, ammunition, and training that will send their military and civilian marksmen well out ahead in world competition. They had done amazingly well before the war.

The idea of a people in arms that has been behind some twenty years of Soviet-fostered civilian arms programs is by no means new. The concept of the "militia" as contained in the original U. S. Constitution means exactly the same thing: That all able-bodied males should and must be prepared to par-

ticipate in the defense of their homeland—and that this manpower pool is the foundation of all defense, both regular and reserve. But while the concept of individual responsibility and usefulness in armed defense has lost ground in the U. S., it has gained the increasing attention of Russian and now Soviet authorities.

Russian war experience through the centuries has made the validity of the militia concept so obvious that the Soviets could hardly miss it. Even before the 1917 Bolshevist Revolution, the professors in the Russian military academies and staff schools had come to think along the lines of the militia concept. They saw that the Western idea of standing armies with universal military training to give these armies a conscript reserve didn't go far enough. They saw that this idea failed to assure security. They discerned that in the 19th and 20th centuries, Czarist Russian armies usually got licked when they organized and fought according to these orthodox Western military ideas. During Napoleon's time, the Czar's armies got licked every time—until the Little Corporal began his disastrous winter retreat from Moscow. The armies of Nicholas I proved even worse than the Franco-British forces that fought them in the Crimea. That's saying something, too, for the type of blunder that resulted in the British Light Brigade's charge at Balaklava was practically S.O.P. on the Allied side. In the 1877-78 war against Turkey, even the publicity given Skobelev failed to atone for the generally poor showing of the Imperial Russian troops.



Above: As a block to partisan activity, citizens of Vassilov are warned by Germans to turn in arms. Left: Russian partisans. Below: German convoy entering partisan territory

During the Russo-Japanese War of 1904-5 the armies of Kuropatkin were badly mauled by the tenacious but not very intelligent Japanese. As for the 1914 Russian Army, in spite of intensive renovation following the disgraces of 1904-5, it got shellacked first thing. By the time it had shaken down somewhat and had finally launched the remarkable 1917 Brusilov offensive, the peasantry that provided the Army's GI strength had had a bellyful of the old Army. As Lenin put it, they voted against the war with their feet. They staged one of the greatest spontaneous demobilizations in history.

What happened in the Civil Wars that followed the 1917 Revolution caused the new Red Commanders to listen to the old professors with more respect than the Czarist command had accorded them. For right after the dissolution of the Imperial Army came hard times for the new Soviet state. The state was attacked from all sides and from within. There were at first Germans in the West—occupying practically what they did in 1941. When they left, the Poles attacked—and were fought right through till 1925. British, French, American, and Japanese forces occupied various parts of Russia. In addition they sponsored White Russian armies like those of Kolchak and Denikin. More than once it looked as if it were all over with the Soviet Union.

But as time went on, a new force was felt. This was the same force that had burned Moscow out from under Napoleon, and turned his retreat into an incomparable disaster. It was the Partisans—the people in arms. The new Red Army, desperate for recruits and in frightful straits, quickly made every effort to absorb or to co-operate with partisan groups. In many ways, the Red Army itself acted like partisan bands and brigades. The fighting had all the viciousness, improvisation, and lightning qualities of a true peoples' war.

By the time 1921 came and went, Soviet authorities were more than ready to listen to the old professors and their ideas about turning to ways of war that were as traditionally Russian as they were Marxist. For the idea of a people in arms had foundation not only in Clausewitz and Marx: It had repeatedly been put into practice by the Russians, not only during Napoleon's time but as far back as the Mongol invasion—the Khanate of the Golden Horde that occupied much of Russia in the 13th to 15th centuries. The combination of traditional Russian total war ideas with Western concepts of total war in the industrial sense suited the Soviet regime perfectly. On one hand it furnished regular military forces with a tremendous semitrained manpower pool—a pool which could be used for total resistance by auxiliary and guerrilla forces should the regular forces prove unable to carry the defense burden alone.

Soviet kids study the latest Red Army tank. Displayed on wall are the newest small bore target rifles. At top is .22 cal. TOZ-9 with 4-power scope

On the other hand, the new scheme of industrialization provided for adequate numbers of arms for both regular and irregular forces—something that they never had in Imperial days.

First efforts to create a Soviet defense force somewhat neglected these principles. Many of the original Bolsheviks tended to fear a big standing army; they placed a little too much faith in "territorial" forces somewhat similar to the U. S. National Guard. They also attempted to reserve armed defense as the privilege of only the politically acceptable. Gradually, these ideas went down. Under the 1936 constitution, defense of the Soviet was made the obligation of every citizen, and not just of the peasants and workers.

Above: The wife of a cavalry commander clumsily aims a M1895 Nagant revolver. Right: Schoolchildren of Riga join in war games, using dummy Maxim machine gun and wooden rifles

The organization which handled the task of civilian defense effort was—and is—the Osoaviakhim. Actually founded in 1927, when the first of the Five-Year Plans began to lay the foundation of the Soviet Union's industrial war base, Osoaviakhim activities had commenced as early as 1920. The Osoaviakhim is essentially a civilian organization. Its job has been to sell the idea of civilian co-operation in defense on a volunteer basis. Not until World War II was under way did the Soviet regime ever make such activity compulsory. In order not to arouse the traditional Russian distrust of militarism, the Osoaviakhim staff wears its own uniform and has its own set of rank insignia. The Osoaviakhim symbol is the diamond on this page, and not the Red Army five-pointed star.

The Osoaviakhim prewar projects were many. It sponsored through its clubs such "sports" as glider and power flying, parachute jumping, skiing, mountaineering, military horsemanship, motor driving and maintenance, and ARP. It had charge of the premilitary training that Soviet schools were supposed to give. Normally, this training was scheduled for two hours a week for six years. The Osoaviakhim put on great campaigns to promote rifle shooting. It built up rifle clubs, provided the ranges and the arms and ammunition. It not only made possible small-bore competition on a national scale; it facilitated advancement into courses with the standard military rifle and on into snipers' field shoots with the four-power PE telescopic sight. Instruction in the theory and firing of automatic arms was given; men and women both were qualified in mass on the "DP"—the standard Degtyarev light machine gun—and on the old Maxim heavy. By September, 1940, over 8,000,000 men and women had been checked out as Voroshilov Marksmen or better. That title meant that the recipients had passed courses in practical and theoretical musketry as well as in small-arms maintenance. Verification of local standards of instruction was established by interclub competitions which climaxed in "All-Union" championship shoots—with potential air gunners working out on skeet and trap contests. The Red Army marksmen were kept at high peak by the influx of trained civilians via reserve service and by open competition at various matches held throughout the Soviet Union.

When the war came, Soviet policy was thoroughly justified. As did the Polish, Belgian, Dutch, French, and Yugoslav Armies, the Red regular Army and its air forces proved to be broken reeds. According to the best Russian tradition, the standing forces got shellacked at the outset of the very first campaign. The seasoned German Armies went through the great line of new border fortifications and the old Stalin Line as though these works and their *troupes de couverture* hardly existed. The forward field forces fell in windrows; the armored forces sent in to the counterattack with inadequate communications equipment were massacred. So great was the debacle in the summer of 1941 that uninformed U. S. apologists of the Red Army maintained unjustly that the regular Red Army was withdrawing. Actually the Red Army was making up for its now-exposed deficiencies by sheer expenditure of its own blood. Instead of folding before the blitz as other armies had done before it, it was fighting in encirclement to the bitter end. Deployed in unheard of depth, it fought suicidally in order to give the reserves time to assemble and take station. It bought time for the people to build new field fortifications to replace the permanent ones that had gone the way of the Maginot Line.

By the fall of 1941, the Soviet Union's position looked hopeless both to her friends and to her enemies. Germans, Trot-

Women snipers of an Osoaviakhim school at Kazan State University practice in this pre-war photo. Rifle is M91/30 Mossin-Nagant with 4-power scope

skyists and disgruntled ex-Communists were gloating that Stalin's end was near. Never before had a major power lost so many men and so much material, and survived. Between June 22 and the following November, the methodical Germans of the *Oberkommando des Heeres*' technical intelligence staff computed that over 22,000 Russian tanks had been captured intact or destroyed. What that figure meant to the Germans and the rest of the orthodox military world can best be understood when it is realized that the U. S. between July, 1940, and V-J Day built but 86,000 tanks. Artillery losses were proportionate. Small-arms losses were in the same hundreds of thousands as were the manpower casualties. (Most of the Soviet rifles that U. S. GI's got from the Germans were acquired by Hitler's Armies during this period.) The worst of it was that the Soviet's friends could do nothing for her. The U. S. and Britain, anxious to help, had in 1941 almost nothing to send. The U. S., later to Lend-Lease lavishly, didn't authorize shipments till October, 1941. The U. S. didn't even get into the war until the following December, with the result that conversion to full war production was not achieved in America until well into 1942.

A practice session with the shooting circle of a Turkmenian collective farm. The rifle is the TOZ-8. This is most used of prewar Soviet target rifles

Yet the Soviet Union survived. Not only did it finally stop the German Armies: One day before Pearl Harbor its Red Army went over to the offensive. Before the battle ended, this Army had driven back fifty-one of Hitler's best divisions, including the bulk of his *Panzer* forces, for losses of up to 240 miles on the Moscow front. This counteroffensive was no fluke. It succeeded an earlier one in the north, in which Red Army forces drove in the Tivhkin salient which threatened to cut off Moscow from Leningrad and the Arctic port of Murmansk. Also, a curtain-raiser to the Moscow counteroffensive was the one in the south at Rostov. There von Kleist—Rommel's corps chief in the breakthrough at Sedan in 1940—was routed along with his armored army. Had the Red Army not lacked self-propelled guns, in all probability von Kleist would never have escaped annihilation. And had the succeeding Red Army winter drives not been short of air and flak protection, it is quite possible that they might have broken through the Germans at many points. What happened to the von Paulus' Sixth Army at Stalingrad in 1942 nearly befell several German field armies the winter previous.

What turned the trick at Moscow, at Tivhkin, and at Rostov —and later at Stalingrad—was a degree of total preparedness which the modern world has never before known. So thoroughly mobilized was the Soviet Union that its forces could make the mistakes that are inevitable in war—and yet have the strength left to win. The reserve system—considerably refurbished after its poor showing in Finland—worked. The extra days won by the sacrifice of standing forces were just sufficient for the civilian soldiers to get the call, to report in, get their uniform and weapons issue, take refresher courses, entrain for the front, and finally join in both the offensive and defensive phases of the November-December battles of 1941.

Thanks to the Osoaviakhim, not only the reserves but the citizenry were ready. All over Russia civilians turned out en masse to build fortifications and tank traps. Many of the Osoaviakhim-schooled men and women manned the fortifications, once they were built. The workers at Tula—Russia's Springfield Armory—left their benches according to previous drills and helped block Guderian's attempt to enter Moscow by the southern road. So-called workers' battalions were formed in Leningrad, Moscow, Odessa, and elsewhere. They took heavy losses, but they and the amateurs who manned fortifications helped free fully trained troops for the tactical maneuvers and the counterattacks that usually decide the outcome of any combat.

The world generally and Americans in particular thought that these "last ditch" stands by civilian combatants were hastily improvised. It is vital to an understanding of Russian military plans (and perhaps vital to our own planning for the future) to realize that this special aid to the regular forces was far from an improvised business. The previous winter the Osoaviakhim had held a tremendous war game around Moscow. Using its own planes and parachutists, it had simulated with regular forces both an attack and the defense of the Moscow area. The exercise started with 1,000 Osoaviakhim members operating in the village of Lublino—a spot on the approaches to Moscow later almost reached by the Germans. When the affray ended over 100,000 Osoaviakhim members had participated with regular forces in the "repulse" of a theoretical enemy in the region where, some eight months later, they were to repulse a very real enemy.

As the war went on, the Osoaviakhim clubs continued the preparatory military training of youngsters. They helped ready women for sniping as well as for medical and communications work. Weapons-training programs were expanded to include antitank rifle and tommy gun courses.

Graduates of Osoaviakhim sniper schools naturally passed right on into the Army. Their numbers enabled even the greatly expanded wartime Red Army to specify rifle regiment T/O's calling for several score snipers. (Our new Table of Organization provides only 81 snipers for each Division.) Because sniper tactics required large-scale infiltration of sniper teams during the attack, and stay-behind groups during defensive action, sniper losses were high. However, Osoaviakhim snipers were trained as instructors. Whenever they had the opportunity, they picked out the best candidates from the ranks and helped maintain unit sniper strength by recreating it from within.

As in all mass armies, the general (*Continued on page* 33)

The M-1 as a SPORTER

By LUDWIG OLSON
and RAYMOND ZEHM

REMODELING OF MILITARY RIFLES into sporters has become a traditional and important part of the American gunbug's life. Thousands of trusty Springfield '03's, Enfield '17's, old reliable Krags, and even single-shot .45-70 Springfields have undergone major operations to make them suitable for sporting purposes.

Latest of Uncle Sam's military muskets to be considered for sporter modification is the war-proven .30 caliber M1, popularly known as the Garand.

The M1 sporter conversion problem has been considered hopeless by the majority of gunsmiths, largely because of the forward position of the gas cylinder and the awkward appearance and unfavorable balance it gives to a sporting rifle. Another bad point which stumps many an ingenious gunbug is the pregnant appearance of the bottom stock line caused by the eight-round magazine. These knotty problems have been solved by the writers, and in such a manner that the gunbug mechanic capable of operating a lathe and shaper can perform the conversion job satisfactorily.

Before grabbing the trusty file and making extensive modifications, it is a good idea to determine whether or not ownership of your M1 is legal. Although none of them are on sale to NRA members through the DCM at the present time, it is possible that sales may be made at a later date. Some sales have been made to officers and warrant officers under provisions of Army Regulations, but unfortunately these have been very limited. Under any circumstances it is well that a proper bill of sale be in the hands of every M1 owner.

After establishing legality of ownership, one can start checking the trigger pull, headspace, and proper functioning of his M1.

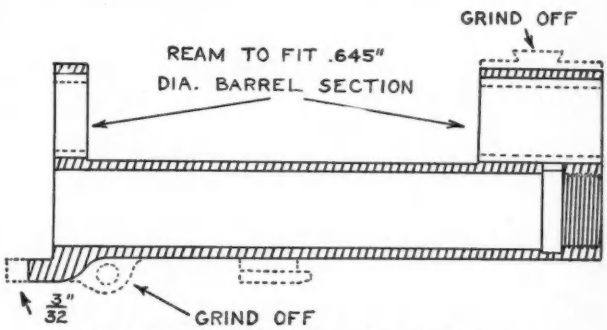
Test the trigger pull with a four and one-half pound trigger weight. If the hammer is released with four and one-half pounds pressure applied to the trigger, the pull is too light for safety and should be corrected, either by changing hammers and triggers, or by very careful stoning of hammer and trigger engaging shoulders.

To check for headspace, remove the operating rod and spring, and also the ejector from the bolt. Removal of the ejector is unnecessary if the headspace gauges are of special type with ejector clearance cut.

The following instructions will aid those not familiar with the disassembly of the M1. First, unlatch the trigger guard by pulling its rear portion downward and to the rear. Remove the trigger group from bottom of stock. With the gun turned bottomside up, smack the buttstock upward and lift the stock off the receiver and barrel. Lay the receiver and barrel bottomside up on a table and pull the follower rod toward the muzzle until it is disengaged from the follower arm. Remove the follower rod and attached operating rod spring from the rear of the operating rod tube. Turn the gun topside up and pull the operating rod to the rear until a projection on the latter comes opposite a clearance cut near the right rear end of the receiver. Pull the operating rod handle upward and outward until the operating rod is disengaged from the receiver and bolt. If necessary to remove the ejector, first remove the bolt from the top right side of the receiver, and push the extractor out of the bolt, taking care that the ejector and its attached spring do not pop out and become lost.

The bolt should fully close on the 1.940 inch minimum gauge and not close on the 1.946 arsenal maximum gauge. Caution must be exercised not to force the gauges in any manner.

After reassembly of the rifle, fire it with a clip full of factory loaded ammunition, preferably Government M2 ball

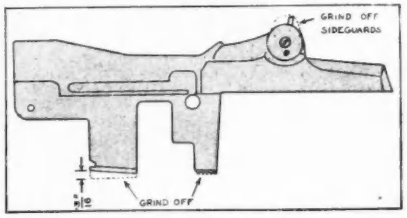


This detailed sketch shows the modifications of the gas cylinder necessary to move it back on the barrel

loads if these are available. If functioning is not satisfactory, inspect moving parts of the mechanism for roughness, or presence of dirt and gummed lubricant. Take necessary corrective action, and function fire the rifle again.

Before actual remodeling can begin, it is necessary to dis-

assemble the rifle as described for headspacing and also to remove the gas cylinder and other parts from the barrel. Unscrew the gas cylinder lock screw from the gas cylinder, and the gas cylinder lock from the barrel. Loosen the front sight screw and remove the front sight from the gas cylinder. Push the gas cylinder and front handguard forward off the barrel. Drive out the lower band pin, and slide the lower band forward toward the muzzle. Push forward on the rear handguard and lift upward on its right side until it is free of the barrel. Push out the large pin on the lower forward side of the receiver and remove the follower arm, operating rod catch, bullet guide, and follower assembly. Remove the barrel from the receiver, using a barrel vise and M1 rifle receiver wrench. If the M1 rifle receiver wrench is not available, adapt an extra large heavy duty monkey wrench to the contour of the front of the receiver insofar as possible with spacer blocks. These blocks can be made easily from pieces of scrap steel. Scribe draw marks on barrel and receiver prior to disassembly.



To obtain pleasing lines around receiver, grind off rear sight sideguards and receiver projections

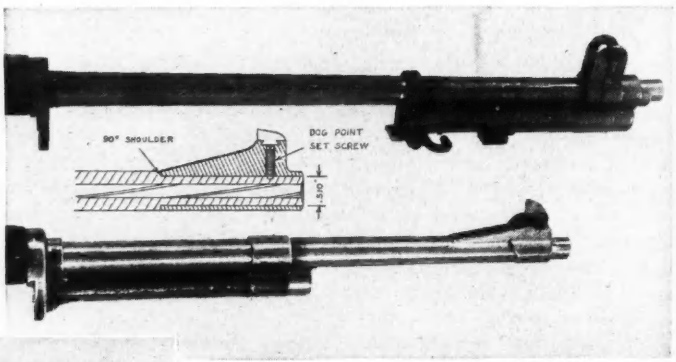
Place the barrel in a lathe with the rear portion in the chuck and the muzzle contacting the dead center. Turn a cylindrical section of .510-inch diameter on the barrel extending from a point 4¼ inches from the muzzle to just forward of the gas port. The shoulder formed at the rear end of this cylindrical section should be perpendicular to the bore axis. This operation removes the spline cuts in the barrel and forms a seat for the band ramp front sight.

Another cylindrical section of .645-inch diameter is turned on the barrel to form a seat for the gas cylinder. It extends from a point 13½ inches from the muzzle forward to where the barrel tapers to less than the .645 inch dimension. This section and the tapered part of the barrel ahead of it should be brought to a high polish.

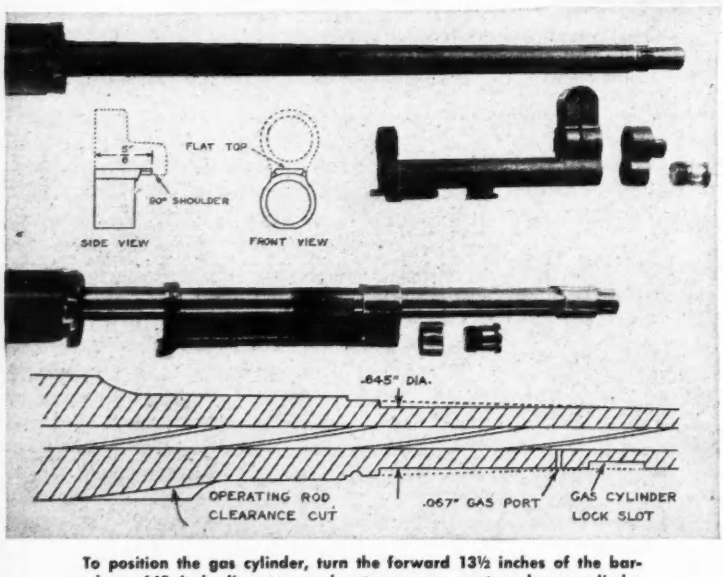
Remove the barrel from the lathe and screw it into the receiver, using the barrel vise and receiver wrench for the final tightening motion. Be sure that the barrel draws up tight and that the draw marks which you scribed on the barrel and receiver coincide exactly.

Using expansion reamers, carefully open up the front and rear barrel holes in the gas cylinder so as to fit the .645-inch diameter barrel section closely, but not so tight that the gas cylinder cannot be moved into and out of position by hand. After removing the stacking swivel and stacking swivel screw, grind the bayonet stud, front sight base, and stacking swivel lug off the gas cylinder. Round and polish surfaces wherever practicable. Grind 3/32 inch from the rear end of the lug at the lower rear part of the gas cylinder. Also file a hemispherical cut of ⅛ inch radius on the center rear portion of this shortened lug. This cut aids in the escape of gases utilized in operating the mechanism.

It would require excessive removal of barrel material to employ the regular M1 gas cylinder locking arrangement, and



Ramp front sight is put on after 2½ inches is cut off barrel



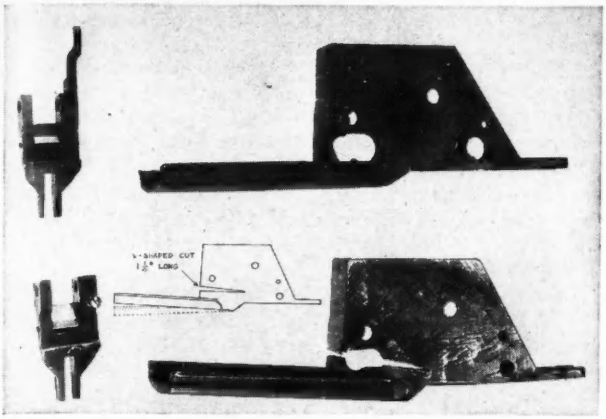
To position the gas cylinder, turn the forward 13½ inches of the barrel to .645 inch diameter, and cut new gas port and gas cylinder lock. A clearance for the gas cylinder operation rod must also be cut. Upper sketch shows how the gas cylinder lock is altered.

therefore a few modifications of it are in order.

Place the barrel in a shaper and cut a flat bottom gas cylinder lock slot .060 inch deep across its lower side. Make the slot ⅝ inch long, and position its front end 7 29/32 inches from the muzzle. It should terminate in 90-degree shoulders at both front and rear ends.

Cut off the upper threaded ring portion of the gas cylinder lock so that the vertical bottom-to-top dimension of the lower remaining portion is .70 inch. Also remove metal from the front end until a length of ⅝ inch is obtained. Both front and rear surfaces of the lock should form a 90-degree angle with the flat top. The front surface of the lock bears against the forward shoulder of the gas cylinder lock slot in the bottom of the barrel and prevents the gas cylinder from moving forward. Do not alter the gas cylinder lock screw in any way.

Drill a new gas port of .067-inch diameter into



The issue trigger housing (above) is cut as shown in drawing (below) so that trigger plate can be bent upward to conform with new belly line of the stock.

the bottom of the barrel 8⅞ inches from the muzzle. A number 51 drill will be found correct for this job. This is only about three-fourths of the diameter of the issue M1 gas port, and the reduced size is necessary inasmuch as gas pressure is greater toward the middle portion of the barrel. It is of utmost importance that the gas port not be made too large, otherwise there will be excessive pressure inside the gas cylinder which is liable to result in a damaged rifle and injury to the shooter.

After drilling the gas port, insert the muzzle end of the barrel through the hollow spindle in the lathe headstock, and clamp the front end in the chuck. Using a parting tool, shorten the barrel to exactly 22½ inches, leaving the muzzle flat. This operation eliminates the old gas port.

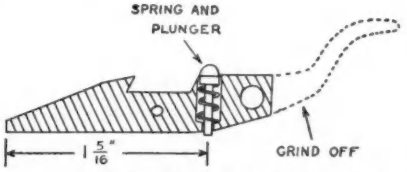
It will be found necessary to bend the operating rod tube in two places so that its forward portion is parallel to and on a level with the modified gas cylinder while the rear end insofar as possible clears the large diameter part of the barrel. Make a slightly upward bend just in front of where the tube is welded to the machined rear portion of the operating rod. Now bend the forward part of the tube downward slightly at a point 2¾ inches forward of the weld. Use a blow torch or welding outfit to heat the tube at points where bending is required.

After bending is accomplished, it is necessary to make a radial shaped operating rod clearance cut on the bottom of the barrel. This can be done on the lathe with milling and grinding attachments. Start the cut three inches ahead of the receiver and extend it forward about 1¾ inches. Taper it in depth so that the deepest part is at the forward end. It should be just large enough to clear the operating rod when the latter is in its rearmost position.

Shorten the operating rod tube so that a new piston tip fitted to its forward end will be positioned just behind the gas port in the barrel. Do this with a hacksaw and file. A new piston tip of ½ inch length, and with a portion of this length turned to a diameter to fit tightly the inside of the operating rod tube, is made on a lathe from a piece of rust resistant steel. Use the old piston tip as a guide for proper shape, diameter, and length of bearing surface. Drill a 3/32 inch hole transversely through the assembled operating rod tube and piston tip, and drive a tight fitting pin into it. This pin securely locks the operating rod tube and piston tip together. Make sure that the ends of the pin are flush with the sides of the operating rod tube.

Shortening of the operating rod necessitates a reduced length of operating rod spring, and also the employment of an auxiliary spring. Shorten the M1 operating rod spring to 13¾ inches. The auxiliary spring is 10¼ inches long, ¼ inch outside diameter, .037 inch wire diameter and has 11½ coils per inch. Look around the shop for a spring of these dimensions, or wind one on the lathe. Place the auxiliary spring inside the larger one, and slide both springs onto the follower rod. The older type follower rod with full round forward section works best with this spring combination.

The lower band also needs modification. File a radial shaped operating rod clearance cut about 3/32 inch deep on the bottom of that portion of the lower band which encircles the barrel. Also file a rounded clearance cut on the lower band pin. Make this cut less than half of pin diameter.

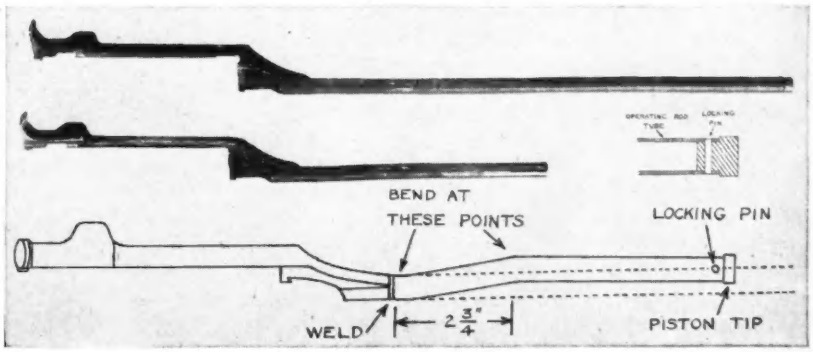


To prevent ejection of empty clip, grind off the operating rod catch and fit spring and plunger to it

Remove the forward sheet metal ferrule of the front handguard and use it as a means of concealing the hole in the front of the lower band. It can be welded or riveted to the lower band, and any excess metal ground off.

Upon completion of the lower band, fasten it and the gas cylinder parts to the barrel. Then grind just enough metal off the forward part of the projection on the front of the stock ferrule until it is possible to assemble the stock to the receiver and barrel.

At this stage of conversion one should assemble his M1 and function fire it, using a firing rest and long trigger lanyard. It is suggested that the Government M2 ball load with 150 grain bullet be used in the test, and that the rifle mechanism be clean and dry. It is best to fire at least one clip of cartridges, and any malfunctioning will have to be carefully analyzed and cor-



Operating rod is cut off, bent, and piston tip repositioned

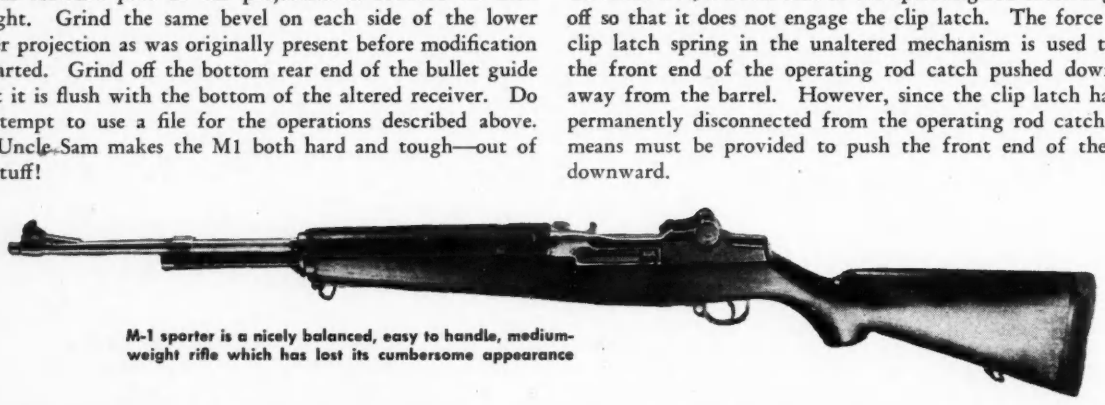
rective action taken. In connection with this you must use extreme judgment and care in shortening operating springs or increasing the gas port diameter. Remember that an excessively large gas port might cause disastrous results both for the gun and the man behind it!

Finding the functioning to be OK, one can breathe more easily and congratulate himself upon having completed the most important part of the conversion job. Now let us proceed with the more simple details.

Changing the bottom of the stock to more pleasing lines is not difficult. The first step in doing this is to grind the bottom of the lower receiver projection on a more slanting angle so that the forward part of the projection is reduced 3/16 inch in height. Grind the same bevel on each side of the lower receiver projection as was originally present before modification was started. Grind off the bottom rear end of the bullet guide so that it is flush with the bottom of the altered receiver. Do not attempt to use a file for the operations described above. Your Uncle Sam makes the M1 both hard and tough—out of good stuff!

Clip modification consists of riveting a spacer block of steel to one of the inner clip walls. A 1/4 inch stove bolt and square nut are the materials desirable for rapid and easy clip alteration. The nut is 7/16 inch across the flats and 5/32 inch thick, and serves as the spacer. The bolt fits through a 1/4 inch hole in the sidewall position 1/2 inch from the front edge and 1 9/16 inches from the end of the clip. Spot annealing of the clip is necessary before the hole can be drilled. The ends of the bolt are riveted over after assembly, and excess metal is ground off.

M1 clips are scarce outside the government services, and therefore the writers devised a system whereby the empty clip is not automatically ejected from the rifle and possibly lost. To effect this, the rear arm of the operating rod catch is ground off so that it does not engage the clip latch. The force of the clip latch spring in the unaltered mechanism is used to keep the front end of the operating rod catch pushed downward, away from the barrel. However, since the clip latch has been permanently disconnected from the operating rod catch, other means must be provided to push the front end of the latter downward.



M-1 sporter is a nicely balanced, easy to handle, medium-weight rifle which has lost its cumbersome appearance

Now the trigger housing plate which closes in the bottom of the magazine is given an upward bend so that it contacts the changed bottom line of the receiver. The bend should be made near the point where the plate joins the trigger housing body. A slightly V-shaped cut, extending 1 1/4 inches rearward from the front face of the trigger housing body, facilitates bending. Make this cut with a hacksaw, and start it 1 1/4 inches from the top of the trigger housing body. It will be found necessary to anneal the trigger housing body where the saw cut is to be made and also use heat during the bending process.

Changing of the bottom line also necessitates removal of some stock material along the position where the upper surface of the trigger housing plate bears. Go easy in doing this, and remove just enough wood to permit assembly of the altered trigger group to the stock and receiver. Now trim off the bottom of the stock just forward of the magazine until the wood is flush with the bottom of the trigger housing plate. This completes the desired stock line improvement. If you have done the job properly the thinnest part of the bottom of the stock immediately forward of the magazine opening will be about 3/32 inch. Do not make it thinner than this.

Don't become discouraged and tired yet. There is still some work to be done. Think of how it will pay off in the form of a graceful, well balanced, and neat appearing hunting weapon!

Since the trigger housing plate has been bent upward, the magazine will no longer easily accept the eight-round clip of cartridges. Inasmuch as a large capacity clip is of no object in a sporting rifle, we will modify it to handle five rounds. The reduced clip capacity has the very desirable effect of making magazine loading much easier because less spring compression is necessary.

The problem is solved by fitting a small spring and plunger to the operating rod catch. A 5/32 inch diameter hole of 9/32 inch depth is drilled vertically into the top of the operating rod catch. It is positioned in the left part of the operating rod catch 1 5/16 inches from the front end. A smaller diameter hole to guide the plunger stem is then drilled through to the bottom of the operating rod catch in continuation with the 5/32 inch hole. Spot anneal the operating rod catch at the point where drilling is necessary.

Make the plunger in a lathe from a piece of drill rod or similar material. The stem portion is 3/8 inch long and .085 inch diameter. The head is 1/8 inch long, measures .150 inch in diameter, and has a rounded end. The spring is 3/8 inch long, .145 inch diameter, .018 inch wire diameter, and has six and one-half coils. Insert the spring and plunger into the holes drilled in the operating rod catch. The rounded plunger head bears against the bottom of the receiver and keeps the forward end of the operating rod catch pushed downward.

In order to cause clip ejection, it is now necessary to press the clip latch on the left side of the receiver. Thus, one has perfect control over clip ejection, preventing loss of clips in dirt and snow. Also, the operating rod is not automatically released by insertion of a loaded clip, and a slight rearward pull on the operating rod handle is necessary to effect this. The M1 is thus deprived of its notorious thumb-chopping abilities.

After wiping the sweat from the brow, let's dope out a set of sights for our M1. The issue M1 rear sight can be used, and does not have undesirable profile lines if the sideguards on either side of the rear sight base are ground off. If the issue rear sight is removed and the receiver ground flat on top, a finely adjustable microm- *(Continued on page 26)*

THE NIGHT BEFORE THE MATCH

By LEE E. ECHOLS

YES, THAT'S WHEN THE EVIL GODS RATTLE their six-ace miss-out dice and lick their fingers to start dealing seconds from their well-marked decks. For the night before the match is when everything bad happens to a pistol shooter.

Does it come up rain, he gets the phthisic. Does it come up mud, he slips in it. Does it come up wind, his blood streams and his eyes get watery. Does it come up clear, his bowels or his sights get loose . . . or his reloader gets to shooting doubles on the powder charge. . . . There is no human way to keep bad things from happening to a man the night before the match. I've tried them all. I've gone to bed with the chickens . . . I've stayed up with the owls . . . I've put unguents and medicaments on me before I went to bed . . . I've read lengthy excerpts from the best seller of a few years back, *Be A Master Of Men*. . . . No soap. Something always happens to me . . . something that makes me lousy as a bear's bed the next day.

There is sanguine consolation in the smug knowledge that it happens to other people, too. When you ask a man at the range how things went the night before and he replies, "Fine! Had a good sleep . . . feel fit as a fightin' cock!" . . . watch him closely. You'll notice a high, almost hysterical quality to his voice and that he can't meet your eye. He's usually lying. He probably had a chain of unbelievable circumstances happen to him that he could have got nine to four odds from Lloyd's of London that they wouldn't have happened to him the whole of his lying life.

The gosh-awful things that can happen to a man the night before the match! This one happened to me. I was stationed in San Juan, Puerto Rico, in the U. S. Customs Service in 1937, when we received the glorious tidings that the Treasury Department was going to have tryouts all over the United States and her possessions to pick out the five high shooters in each Bureau who would then proceed to Washington, D. C., where the five winners of that group would comprise the U. S. Treasury Pistol Team.

Now news of that sort might be received in the United States rather laconically, but for a lad who had missed too many boats already from that small, tropical spot, it looked like the Emperor's pardon from Devil's Island. Aaron Quick and I and a boy named Paul Smith got to pouring lead into the hillsides immediately and by the time that omnipotent day approached we were hotter than a Gila monster's bellyband. Quick and I had both done some shooting before and we warned Smith about some of the terrible things that might happen to him the night before the match. He wore it lightly and loosely. He said, "It won't bother me. I'm one of those boys who never worries. I'll get a good night's sleep and lay 'em right on top of one another tomorrow."

Quick and I were living together at that time and we both went to bed about ten o'clock with a great show of indifference and imperturbability. It didn't last with me, however, and I pitched and tossed in the semidarkness for three or four hours, trying to go to sleep. The latter part of this period was rampant with nightmarish thoughts and situations. I would conjure up hellish circumstances at the match next morning from which I couldn't possibly extricate myself. Finally—and it must have been around two in the morning by then—I kept hearing a sort of rhythmic clicking somewhere in the house. Thinking this, too, was some ghastly figment of my imagination, I tried to cast it from my thoughts. It remained, however, and I finally isolated it as coming from the kitchen. Investigation revealed Aaron Quick in a knee-length linsey-woolsey nightgown, solemnly dry snapping at a gallinipper mosquito perched on a mango on the sink. I went into my bedroom and without a word joined him with my .38 revolver.

Now Quick and I had a friend in San Juan named Bob Raulerson and he was the gunsmithin'est man we'd ever run into. He had skeletonized our hammers down to where they fell on a primer like a pond scroggin on a garfish. We felt sure this would add enough points to our already fair scores to put us on that New York-Puerto Rico Line ship, a situation which we coveted above all things.

We had stood side by side solemnly dry snapping at the gallinipper on the mango for possibly thirty minutes when, on cocking my revolver and preparing to ease another dead-center ten into him, I felt something foreign lying loosely in my hand between my thumb and forefinger. I had no idea what it was and was afraid to look. A cold dew began to form on my forehead and my breath began coming in short gasps, like a lovesick Italian. I knew the Evil Gods had thrown their crooked dice. When I finally screwed up my courage to take one quick glance at the thing lying there in my hand and found that it was my hammer, broken off even with the frame, the agonized scream that escaped me belonged right in the middle of the Fleishacker Zoo.

Quick got me quieted down finally and assured me that we could both use his gun. I had fired it some and decided I could probably squeeze through with it. But fate lashed out at us again. Quick was drawing his hammer back in that rhythmic, clicking motion which had aroused me from my troubled nightmare thought when *Diem Desperandum*! His hammer broke off, too!

This called for action. We feverishly dressed and headed for Raulerson's house with our crippled-up guns. On our way over there we passed Paul Smith's house where we saw a feeble light burning in the living room. We stopped the car and looked in. The sight that greeted us was one to instantly invoke tender condolence. Although the night was hot, Paul was humped up around a small kerosene heater, nervously, almost hysterically, running his hands through his long black

hair. He had been at it so long he was bleeding between his fingers and his bloodshot eyes darted around the room like a hop head in a drag net.

"We've broken our hammers," Quick said to him through the screen.

Smith jumped like he'd been touched off with a jackhammer. "Take mine!" he screamed through the door. "Take mine and all my shells! Get the dam' things out of here before I use 'em on myself!"

Ah, yes! The night before the match. . . . The diabolical, unbelievable things that can happen to you.

I was camped with Carl Peterson one summer night on the Arizona border. We'd made a dry camp west of Sasbe in order to ride early next morning for a rendezvous with our informant. We were trying to round up a gang of opium traffickers who'd been making life hell for us for several months.

Carl was the best cowman in the Arizona Customs Patrol and knew every arroyo and ocotillo bush from Ajo to Hachita. He was born in a Mormon settlement at Colonio Dublan in Chihuahua and was also some punkins with a target gun. While Carl fried up some "dough-gods" and venison I told him the story about the broken hammers.

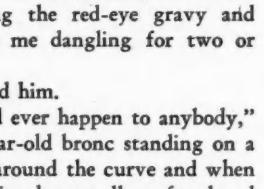
"I made the tryouts for that match," he grinned. "Had to go to Denver for the semifinals. I'd never been farther away from the Mexican Border than you could throw a mescal bottle and I think I was more upset and scared about the trip than I was about the match."

By this time he'd taken up the venison and was stirring some red-eye gravy with a mesquite stick. "Ted Simpson and the boys were all throwing the long loop at me," he went on, "getting me more upset all the time, telling me that when the Negro boy came out of the Denver hotel not to shake hands with him, that he wasn't the manager but was after my bag.

"All this worried me and the night before I was to leave I was driving out of Nogales heading toward Patagonia on patrol with Ben White. We had an old convertible sedan and it was a warm summer night. We had the top down and were leisurely going around a curve by the Circle Z Ranch when it happened!" Carl stopped stirring the red-eye gravy and dramatically poured it up, leaving me dangling for two or three minutes.

"What happened?" I finally asked him.

"The worst dam' thing that could ever happen to anybody," he said. "There was a roan two-year-old bronc standing on a cut bank right over us as we went around the curve and when he saw us and heard the engine running he got all confused and jumped off the cut bank into the back seat of the car. Now if he'd stayed back there everything would have been fine. Or, if he'd just stayed back there until I could have got out and turned the whole car over to him, it wouldn't have been too bad. But he was up in the front seat with us before he'd barely settled in the back. If there was ever a serious, deadly machine of destruction he was it. By the time he was in the front seat with us, his lips and ears were skinned back and his teeth were grating like rock crushers. He was roaring like a flesh-starved tiger and he kicked Ben White completely through the right front door before he'd hardly joined us.



"I wasn't that lucky. He took a pawin' swipe at me with his left front foot which caught me right in the burr of the ear and trailed on down to my navel, leaving pieces of bloody meat, ear, and cheekbone all over the front seat.

"I was dazed, but active," Carl explained, "and I raised both hands up to my face hoping that when he came down with his right foot I'd save some of my front teeth. He was operating too fast for me, though, and he did a complete wildcat in the front seat. While I had my hands up covering my face, he kicked me with both hind feet about four inches below my forky bone. I remember the wind whooshing out of me and hearing him nicker and scream in triumph as he pawed all the instruments off the panel. The windshield went next. He got it with a hind-foot staccato while he blew steam in my face, and the glass crashed all over us both. By this time, although he was still roaring and screaming, I was giving up the head, too," Carl told me. "I squalled like a chain-whipped cocapah when he kicked my target pistol almost to the Whetstone Mountains. He tore the clothes off me completely and most of the meat with them and he broke my Winchester up like kindling wood. By the time I finally crashed into a cottonwood tree and he kicked his way out through the blood and corruption and went whinnying off through a canyon with his tail flagged, I wanted no part of the Denver pistol matches." Carl put another piece of mesquite on the fire. "Never did find my dam' pistol," he grinned.

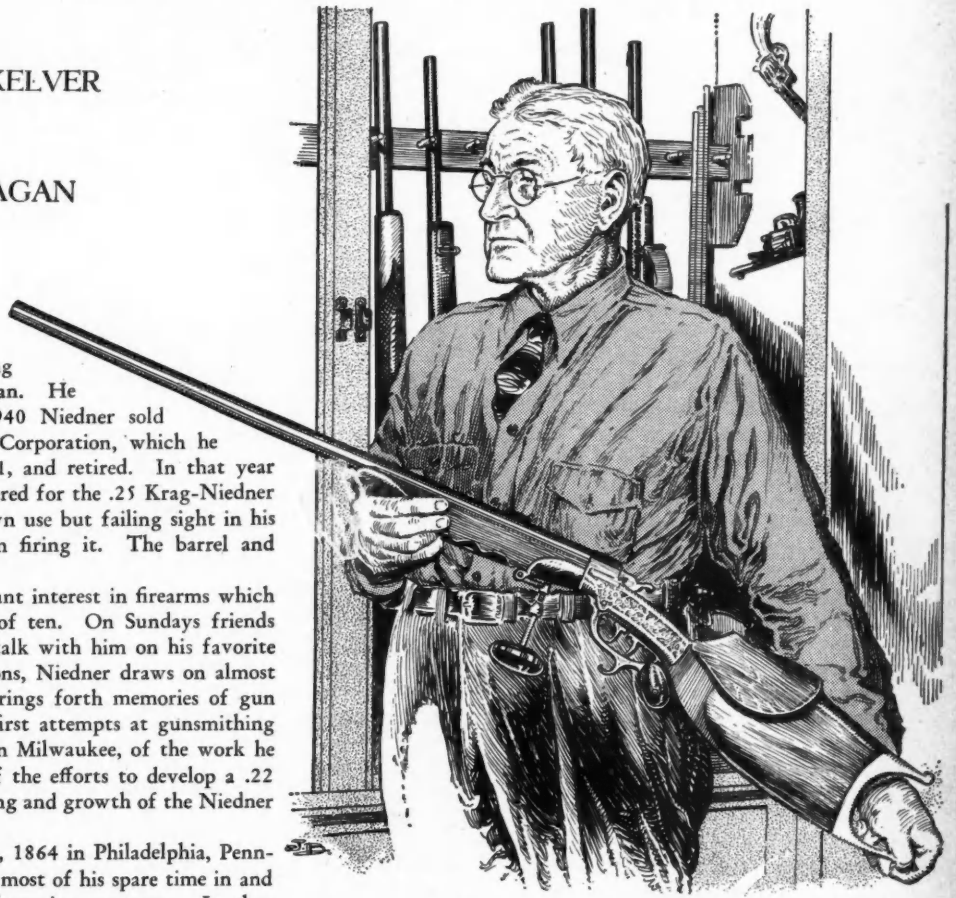
Ah, boy! When the Evil Gods look down and frown . . . Let's take those two old hard-tails of the range, Hank Adams and Walter Walsh. The night before the match . . . the National Individual Pistol Match at Perry in 1941 . . . both of them going great guns and pointing for the big one, and what happened? They decided they'd go to Port Clinton for a little innocent fun. Returning back to Camp Perry about 11 P. M. they passed a fruit stand. The manager had gone home for the night but there along the road were several big baskets with peaches stacked as high as they'd go. Now this situation didn't even call for any conversation. Hank stopped the car; they both got out, ran to the side of the road and each grabbed a handle on the biggest basket and started running to the car hell for leather. They must have run four steps when they suddenly discovered that although they were moving right along the basket was still firmly settled on the roadside. Closer examination showed that what had allowed them to keep propelling themselves in such a miraculous manner toward the car while the basket remained stationary was the fact that each had pulled his arm about a foot out of its socket. Although they immediately realized the necessity of medical attention, their curiosity was such as to demand further investigation of the basket. It *(Continued on page 28)*

THAT MAN NIEDNER

By GERALD KELVER

and

DAVE LANAGAN



ADOLPH OTTO NIEDNER is living quietly in Dowagiac, Michigan. He is eighty-three years old. In 1940 Niedner sold his interest in the Niedner Rifle Corporation, which he had founded in Dowagiac in 1921, and retired. In that year Niedner made his last rifle, chambered for the .25 Krag-Niedner cartridge. It was made for his own use but failing sight in his right eye has prevented him from firing it. The barrel and action are still unstocked.

Even now Niedner has the vibrant interest in firearms which was awakened in him at the age of ten. On Sundays friends and strangers travel for miles to talk with him on his favorite subject. During these conversations, Niedner draws on almost seventy years of experience and brings forth memories of gun fights against the Indians, of his first attempts at gunsmithing when he was on the police force in Milwaukee, of the work he did for Dr. Franklin W. Mann, of the efforts to develop a .22 highpower cartridge, of the founding and growth of the Niedner Rifle Corporation.

Niedner was born on October 1, 1864 in Philadelphia, Pennsylvania. As a youngster he spent most of his spare time in and around his father's firehose manufacturing company. In that shop Niedner first became acquainted with and learned the use of tools. He was always under the feet of the workmen, asking how this was used, why that task was done in a certain way.

When young Niedner wanted a gun like one of his friend's singleshot Flobert rifle, a workman who was particularly fond of the boy, suggested how he might make one for himself. Following the workman's directions Niedner located a piece of gas pipe of very small diameter and bored it with a twist drill. Using a broach fashioned from a rattail file, driven through the pipe with a hammer, he rifled it.

But near disaster was awaiting young Niedner when he retired to a nearby wood to test fire his homemade rifle. On the first shot the gun exploded and a piece of metal flew back and embedded itself in his forehead. The scar from that wound is still visible.

At the age of thirteen Niedner left school and worked in his father's shop until he was eighteen. Then, while on a visit to Chicago, he decided to strike out for the West Coast. Purchasing a horse, a camping outfit, and a Winchester, he started his trek, alone, in the spring of the year. Late in the fall he arrived in San Francisco where he remained only long enough to rest from the journey. Then he made his way down the west coast into Mexico. After wandering through the country long enough to observe the people and their customs, Niedner turned north and travelled until he reached Denver, Colorado.

Shortly after his arrival there, in the spring of 1880, an Apache uprising in Arizona prompted Niedner and a miner friend by the name of Cooper to join the Army. At the recruiting station Niedner passed the physical examination but Cooper did not. Neither joined. They left the recruiting station and found a bar. There they had a drink or two, then returned to ask the recruiting sergeant to come have one with them. The next morning the recruiting sergeant, their bleary-eyed friend, accepted the enlistments of both Niedner and Cooper.

After brief recruit training, both were sent to Fort Lewis, Colorado. There Cooper deserted. Later Niedner was transferred to Fort Apache, an Indian reservation in southern Arizona, where he remained from late 1880 to 1883.

Today, on a Sunday afternoon, when sitting in the den of his two-story white house on the main street of Dowagiac, conversing with friends or visitors who have come to see him, Niedner will occasionally recount some encounter with the In-

dians in those days of his youth. The silver streak which was visible through his black hair before it grayed was the result of one of these. During a scrap between his company and some rampaging Indians, the same curiosity which had taken Niedner to Mexico prompted him to stick his head above the rock behind which he was hiding to see how things were going. His skull was creased by a flying bullet.

At the time of his discharge from the Army, Niedner had $500 in his pocket which he had saved to pay for his trip back to Milwaukee, Wisconsin, where he had planned to go, upon becoming a civilian again. But either Dame Fortune or Lady Luck frowned upon him in a Denver gambling house and he lost his savings. Being, however, a man capable of swaying others with his speech, he talked the house dealer into letting him have sufficient money to buy food, some civilian clothes, his transportation to Milwaukee, and keep twenty dollars for his pocket.

Shortly after his arrival in Milwaukee on a cold January night in 1885, Niedner found work with a house furnishing company. He remained in their employment for a number of years, laying carpet, managing two branches, and holding the job of head salesman in the main store. When the company failed, he took a vacation before returning to work at the job which had been promised him by a large department store in the city. Instead of going to work for the department store, however, he joined the police force.

After three months at walking a beat, Niedner was given the job of night desk sergeant. Shortly after this promotion bandits held up a train near the city and Niedner was put in charge of the investigation of the robbery. He says, even today, that the trip to the site of the holdup—in a caboose—was the fastest train ride he ever made. Upon arriving at the scene of the holdup, Niedner made a thorough examination of the area and picked up the trail of the bandits. He tracked them into Racine, Wisconsin, where the trail grew cold. For his work on the case, Niedner was made day desk sergeant.

After being taken off the desk and put outside again, Niedner's size and top physical condition, which later helped him to win many shooting matches, earned him a name for courage and resourcefulness in cleaning up the waterfront.

During the time he was on the police force, Niedner began working on firearms. Already a member of the old Milwaukee Gun Club, he repaired his own guns on a lathe made to replace the head on his wife's sewing machine. Later, however, after he began doing occasional repair work for others, he purchased a foot-powered lathe from a fellow who needed money at the moment.

In Milwaukee Niedner met John Meunier, the manufacturer of some of the finest muzzle-loading rifles produced in this country. From 1885 to 1890 Niedner used in local matches a rifle Meunier made which had won first prize in the Centennial Exposition of 1876. Niedner's association with Meunier proved profitable for the young man learned hand craftsmanship from the old rifle maker.

But there was friction between the two. Meunier made his rifles by the accepted hand methods. It was Niedner's belief that finer guns could be turned out by using machines, without sacrificing quality. Too, Meunier ridiculed Niedner when he was bold enough to be the first to appear at the Milwaukee range with a breechloader. This rifle, which caused so much comment and which proved itself, was a .32-40. Although Meunier tried stubbornly to hold to his belief, he gradually weakened and within a year he too was shooting a breechloader.

From his activity with the Milwaukee Gun Club, Niedner earned more than a reputation as a marksman. He seemed to have strange ideas about guns and shooting.

It was the work begun when he moved back east to Malden, Massachusetts, at his father's request, for which Adolph Niedner is remembered today. It was natural after his first brush with a shooting club in Milwaukee that Niedner should fall in with the crowd which frequented the old Walnut Hill range, outside Boston. Here he had the opportunity to shoot, to discuss with other shooters many of the problems and questions which faced them in their activity. Perhaps because of this Niedner went into the gunsmithing business. He had served his apprenticeship on the Milwaukee police force, and he had been initiated into the business while a member of the Milwaukee Rifle Club.

Niedner always had maintained an interest in the new phases of guns and ballistics, aside from doing his regular work at the lathe of repairing and manufacturing guns. Standard gunsmithing business was to be had easily at his location in Malden. And it was natural that shooters should bring their pet theories to him to be worked into their guns, if possible.

Niedner's reputation as a reliable gunsmith grew rapidly. Because of this reputation, Doctor Baker, who had been satisfied with the work Niedner had done, suggested to Dr. Franklin W. Mann, while Mann was making the experiments described in his book, *The Bullet's Flight*, that Niedner was the gunsmith to do some work for him. This was the beginning of a friendship between Niedner and Mann which lasted until Mann's death in 1916.

Niedner is known to shooters today as the creator of several wildcat cartridges and as the designer of the .257 Roberts.

Niedner discusses his favorite subject, guns, with a group of admirers

During his work with Mann, Niedner necked down, revised, and altered many cartridges, including the .30-40 Krag and the .30 Springfield.

In his early years at Malden, he became interested in increasing the velocity of .22 caliber cartridges. One of his early attempts to develop a .22 high-velocity cartridge was made when Mann asked him to provide for his experiments, a .32-40 case necked down to .22 caliber. This altered .32-40 later became a popular cartridge for use in Schuetzen arms. Niedner also necked down the .28-30 case. In using it with the Mann base-band bullet, he had to employ the Stevens 44½ action as a bullet seater. Since the outside diameter of the case neck was equal to the diameter of the bullet, the bullet was loaded in the chamber by itself. Then the case with a wad over the powder charge was placed behind it and the bullet was seated with the closing of the bolt. Niedner has said the accuracy obtained with this load was phenomenal.

Most of Niedner's attempts to increase velocity of bullets proved fruitless, though in many cases he did better the velocity obtained with standard loads. The .25 Niedner-Springfield proved popular with shooters almost from its inception when loaded with 86, 87, 100, 101, and 117 grain bullets, though it was said to be not very accurate because of the air space remaining in the case after loading.

Two cartridges which resulted from Niedner's attempts to make a .22 high-velocity load are the .22 Niedner Magnum and the .22 Niedner Magnum Rimless. One of his first attempts was made by necking down the case of the .22 Savage high power and cutting one-fourth inch off the neck. He also attempted to use the .25-35 case in a similar manner. Loaded with a 45 grain bullet and a maximum powder charge this case gave a muzzle velocity of 3326 foot-seconds. With a 63 grain bullet in the same case, 3247 foot-seconds muzzle velocity resulted.

Niedner used to hunt squirrels with a .22 Niedner Magnum Rimless on a Springfield action with a Ziess-Zielklein scope mounted on it. Cartridges for this rifle were made from .25 Remington cases; the barrel itself had a groove diameter of .2235 inch and a fourteen-inch twist. Niedner would go into a woods near his home in Dowagiac, prop himself up against a tree stump at the edge of a clearing, and wait for the squirrels to scamper by. If no squirrel scampered, he would entertain himself by shooting into the logs and trees on the other edge of the clearing. He has been known to make groups measuring 1.11 inches at 100 yards and groups of 1.71 inches at 200 yards with that gun.

In 1921 Niedner decided to move his shop back to a more central location at Milwaukee, Wisconsin. Bill Stoley of the Dowagiac Bait Company offered to put up the major portion of the capital required to open a larger shop, if Niedner would come to Dowagiac. Niedner gathered a number of skilled craftsmen for the shop and it was opened as planned.

Niedner always has felt that gunsmithing must be done on a businesslike basis. He is a man of regular habits himself, believing that a man's best work requires orderliness in his daily living so that all his concentration can be focused on the job at hand. His bench in the shop at Dowagiac was against the back wall and his tools spread out near at hand. A window at the south end of the bench opened onto a 25-yard target range on which he made his initial firing tests.

On the second floor of his home in Dowagiac is his den, along one wall of which runs his gun case. In it is every type of arm ranging from a .22 Baby Niedner to big muzzle loaders. Along the top, ranges a string of "mugs" won at the Schuetzenfests held at the Walnut Hill Range near Boston. Next door to the den is a smaller room in which Niedner has reloading tools and the personal rifles which he alone shoots. In the basement is his equipment for casting bullets for his own use.

But today all of these guns, the bullet casting equipment, and the reloading tools remain unused. Since his retirement, Niedner has been forced to forego all the shooting pleasures in which he formerly indulged. His eyesight prevents him from getting out to the range or out to hunt as he once did.

Even now, when in his den surrounded with friends or when visiting in the home of his former stockmaker, Tom Schelhammer, Niedner is constantly talking about firearms—guns he has known and liked, loads which he could not get to perform as he wished, and the guns which will show up on the market or in the hands of experimenters within the next few years. Niedner does have ideas about improving gas operated weapons which must remain simply theories because he can no longer strip off his coat and pick up the tools from his workbench to try to put those theories into practice. ◆ ◆ ◆

(Above) Niedner reloads with friends. (Right) Niedner holding one of his .30-'06 bullguns

1947 REGIONAL CHAMPIONSHIPS

RIFLE AND PISTOL REGIONAL CHAMPIONSHIP TOURNAMENTS will be held again this year in each of the country's nine competitive areas. Except in minor instances the regions retain the same boundaries as in 1946. In several instances, the Regional Tournament will be held on the same range as last year. Regional Tournaments require much more in the way of range facilities than can be provided by the average club, consequently the availability of adequate facilities, together with geographical location, largely determines the placing of these championship shoots.

All eighteen championships have been set up as indicated on the accompanying map. Rules of regional competition make it mandatory for shooters to compete only for their own Regional Championship. Shooters from one region may shoot in another Regional Tournament and may, subject to individual tournament conditions, compete in all the matches except the Regional Championship Aggregate.

Competition at all of the Regional Tournaments will be restricted to members of the National Rifle Association. Any competitor not holding an official or temporary National Classification will compete in the Expert class for the entire tournament.

Awards in the Regional Championship Aggregate will consist of a special medal, brassard, and certificate to each of the first five places regardless of classification. A medal, brassard, and certificate will be awarded also in the championship to the high competitor in each class recognized in the tournament, plus additional class medals on the basis of one for each ten competitors in a class.

Regional Tournament sponsors have been given the option this year of combining the Sharpshooter and all lower classes into one group for the awarding of prizes. This resulted directly from the rather poor attendance, at Regional Tournaments last year, of shooters in the lower classification brackets. It is intended that the above option will only be used where it is warranted by conditions similar to last year's.

Other awards will be offered by tournament sponsors for the individual events that make up the Regional Championship Aggregate. With the rifle these events are:

(1) 40 shots, 50 yards, metallic sights
(2) 40 shots, 50 meters, metallic sights
(3) 40 shots, 100 yards, metallic sights
(4) Dewar Course, metallic sights
(5) Metallic-sight aggregate
(6) 40 shots, 50 yards, any sights
(7) 40 shots, 50 meters, any sights
(8) 40 shots, 100 yards, any sights
(9) Dewar Course, any sights
(10) Any-sight aggregate

Pistol events included in the Championship are:

(1) 20 shots, slow fire, 50 yards, .22 cal.
(2) 20 shots, timed fire, 25 yards, .22 cal.
(3) 20 shots, rapid fire, 25 yards, .22 cal.
(4) National Match Course, .22 cal.
(5) Aggregate of Matches 1, 2, 3, 4. (.22 cal. Championship).
(6) 20 shots, slow fire, 50 yards, any center fire.
(7) 20 shots, timed fire, 25 yards, any center fire.
(8) 20 shots, rapid fire, 25 yards, any center fire.
(9) National Match Course, any center fire.
(10) Aggregate of Matches 6, 7, 8, 9 (Center Fire Championship).

In addition seven other fired matches will be included in each Pistol Regional that will not be a part of the championship. These include:

(11) 20 shots, slow fire, 50 yards, .45 cal.
(12) 20 shots, timed fire, 25 yards, .45 cal.
(13) 20 shots, rapid fire, 25 yards, .45 cal.
(14) National Match Course, .45 cal.
(15) Aggregate of Matches 11, 12, 13, 14. (.45 caliber Championship)
(16) 4-man team, Camp Perry Course, any center fire.
(17) 4-man team, National Match Course, .22 cal.

Following are the dates and locations of the Regional Tournaments scheduled to date with, in each case, the name of the organization sponsoring the tournament and the detailed boundaries of each competitive region:

Pacific Northwestern Region

Rifle Tournament: Clackamas, Oregon, July 26 and 27. Sponsored by Oregon State Rifle and Pistol Association.
Pistol Tournament: Seattle, Washington, July 19 and 20.

Oregon; Washington; Montana—that portion lying generally west of the line Havre-Livingston and including all of Hill, Chouteau, Judith Basin, Meagher, and Park Counties; Idaho—that portion lying generally north and west of Twin Falls, The Big Camas Prairie, and the Lost River Mts., including all of Lemhi, Custer, Elmore, and Owyhee Counties; California—that portion north of Chico and including all of Plumas, Tehama, Trinity, and Humboldt Counties.

Far Western Region

Rifle Tournament: Richmond, California, July 4, 5, and 6. Sponsored by Bay District Small Bore League.
Pistol Tournament: Los Angeles, California, July 11, 12, and 13. Sponsored by Los Angeles Police Revolver and Athletic Club.

Arizona; Nevada; California—that part lying generally south of Chico and including all of Sierra, Butte, Glenn and Mendocino Counties.

Northwestern Region

Rifle Tournament: Salt Lake City, Utah, July 12 and 13.

(Continued on page 32)

VARMINT LAWS and SEASONS

Know your "off season" shooting laws! A new, annual RIFLEMAN feature, presented here for the first time.

THE HUNTING OF CHUCKS AND CROWS originally drew its popularity from the fact that a devotee could enjoy his sport the year round, with no bag limit and license expense. Those who were bothered by the killing of so many animals for pleasure rather than for food were able to justify the slaughter by assuming the role of "Mother Nature's helper" in the task of establishing what they glibly called a "balance."

As so-called predators, undesirable animals, and varmints were killed by increasing numbers of hunters each year, it became apparent that a great source of recreation was being tapped, in some cases, almost to exhaustion. The result has been more and more legislation limiting the hunting of these animals and an acceleration of the evolution which is changing the woodchuck, for instance, from a "varmint" to a "game animal." An excellent example was the situation in one state last year where some counties offered a bounty for the chuck, while neighboring counties maintained a closed season on the same animal and classed it as "game."

The varmint shooter has considered himself the savior of game for so long that it may come as a surprise to learn that many states require nonresidents to secure expensive hunting licenses before knocking off a crow or two while on a summer vacation trip. Only a few of the hunting law pamphlets published by state fish and game departments are clear in respect to the laws which concern varmint hunting and considerable misunderstanding has resulted.

The following varmint law interpretations have been offered by the directors of the various state fish and game departments. A small portion of these regulations may be subject to changes through action of currently meeting legislative bodies, but in general the information published here may be used as a guide by varmint shooters through this summer and fall.

This index of small-game hunting laws was compiled by the NRA Technical Service. Omission of any of the animals in the key list indicates total protection from the rifleman or the absence of that animal in the state. Animals such as the badger, fox, and skunk, although often considered varmints, are generally classed as fur bearers and are controlled by trapping regulations.

The salient points covered in the index are: License requirements, closed seasons, bounty payments, and firearms restrictions. The various small-game animals are numbered in the key list to avoid unnecessary repetition in the following index to state laws affecting the varmint shooter.

1. Woodchuck	**9. Wolf**
2. Crow	**10. Hoary Marmot**
3. Prairie Dog	**11. Cooper's Hawk**
4. Jack Rabbit	**12. Goshawk**
5. Coyote	**13. Sharp-Shinned Hawk**
6. Ground Squirrel	**14. Great Horned Owl**
7. Bobcat	**15. Turkey Vulture**
8. Cougar	**16. Black Vulture**

Alabama: 1, 2, 6, 7, 11, 12, 13, 14, 15, 16. Resident and nonresident licenses not required. Closed season, none. Bounty, none. Shotgun must be 10 gauge or smaller and must not hold more than three rounds.

Arizona: 2, 3, 6, 11, 12, 13, 14. Resident and nonresident licenses not required. Closed season, none. Bounty, none.

To hunt 4, 5, 7, 8, 9, resident license required, $2.50; nonresident license required, $10.00.

Arkansas: 1, 2, 4, 5, 6, 7, 8, 9, 11, 12, 13, 14. Resident license not required. Nonresident license required, $25.00 to hunt all game except fur-bearing animals; $15.00 to hunt all game except deer, turkey, and furbearing animals. Closed season, none. Bounty, none.

California: 2, 5, 6, 7, 8, 10, 11, 13, 14. Resident and nonresident licenses not required.

To hunt 4, resident license required, $2.00; nonresident license required, $10.00. Closed season, none. Bounty for 8 is: female, $60.00; male, $50.00.

Colorado: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16. Resident license required, $3.00. Nonresident license required, $10.00. Closed season, none. Bounty for 8 is $50.00. Other than .22 caliber semiautomatic rifles limited to five-round magazine.

Connecticut: 1, 2, 7, 11, 12, 13, 14. Resident license required, $3.35. Nonresident license required, $10.35. Closed season, none. Bounty for 1 is $1.00; for 7 is $5.00. Payment by any town permitted but not mandatory.

Florida: 2, 7, 8, 9, 11, 13, 14, 15, 16. Resident and nonresident licenses not required. Closed season, none. Bounty, none.

Georgia: 1, 2, 7, 11, 13, 14, 15, 16. Resident license required, $3.25. Nonresident license required, $12.50. Closed season, none. Bounty, none. Shotguns limited to three-round capacity.

Idaho: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14. Resident license required, $2.00. Nonresident license required, $2.00. Closed season, none. Bounty for 5 and 7 varies, $2.00 to $5.00; for 8 is $50.00.

Illinois: 1, 2, 7, 9, 13, 14. Resident and nonresident licenses, not required. After July 1, 1947, 11 will be unprotected. Closed season, none. Bounty, none. Shotgun must not be larger than 10 gauge and is limited to three-round capacity.

Indiana: 1, 2, 9, 11, 12, 13, 14. Resident license required, $1.50. Nonresident license required, $15.50. Closed season, none. Bounty, none.

1. Woodchuck	9. Wolf
2. Crow	10. Hoary Marmot
3. Prairie Dog	11. Cooper's Hawk
4. Jack Rabbit	12. Goshawk
5. Coyote	13. Sharp-Shinned Hawk
6. Ground Squirrel	14. Great Horned Owl
7. Bobcat	15. Turkey Vulture
8. Cougar	16. Black Vulture

Iowa: To hunt 2, 11, 14, resident and nonresident licenses not required. Closed season, none. To hunt 1 (unless hunter is on his own land) resident license required, $1.00, and nonresident license required; not less than $5.00, reciprocal with other states. Closed season, none.

Kansas: 1, 2, 3, 4, 5, 9, 11, 12, 13, 14. Resident license not required. Nonresident license required. Closed season, none. Bounty for 5 is $1.50.

Kentucky: 1, 2, 11, 12, 14. Resident license required, either state, $3.00, or county, $1.00. Nonresident license required, $15.50. Closed season, none. Bounty, none. Shotgun, three-round limit.

Louisiana: 2, 7, 9, 11, 13, 14, 15. Resident license required, $2.00. Nonresident license required, $25.00. Closed season, none. Bounty, none. Shotgun limited to three rounds.

Maine: 1, 2, 5, 6, 7, 11, 12, 13, 14. Resident license required, $1.15. Nonresident license required, $10.15. Closed season, none. Bounty, 7, $15.00. No full-automatic rifles may be used.

Maryland: 1, 2, 11, 13, 14, 15, 16. Resident license not required. Nonresident license not required. Closed season, none. Bounty, none. Semiautomatic and repeating shotguns limited to three rounds.

Massachusetts: 1, 2, 6, 7, 11, 12, 13, 14. Resident license required, $2.00. Nonresident license required, $10.25. Closed season, Sundays. Bounty for 7 is $10.00.

Michigan: 2, 5, 7, 9, 11, 12, 13, 14, 15, 16. Resident license required (unless upon land on which the hunter is regularly domiciled), $1.00. Nonresident required, $5.00 if north of T 16 N, $15.00 if south of T 16 N. Closed season, none. Bounty for 5 and 9 is male $15.00; female, $20.00. Bounty for 7 is $5.00 in upper peninsula only.

1, licenses as above. Closed season, Zone 1, none. Zone 2, Feb. 1-Oct. 14. Zone 3, Jan. 1-Oct. 14. Unlawful to use or possess in game area: Any automatic, semiautomatic, or autoloading rifle larger than .22 caliber rimfire capable of holding more than six rounds in barrel and magazine combined.

Minnesota: 1, 5, 6, 7, 9. Resident license not required. Nonresident license required, $25.00.

To hunt 2, 11, 13, 14, resident license not required. Closed to nonresidents.

To hunt 4, resident license required, $1.00. Nonresident license required, $25.00. Closed season, none. Bounty for 9 is $15.00.

Mississippi: 2, 7, 11, 13, 14. Resident license not required. Nonresident license required, $15.25. Closed season, none. Bounty, none. Shotgun limited to three-round capacity.

Missouri: 1, 2, 3, 4, 5, 6, 7, 9, 11, 13, 14. Resident license required, either state, $2.50, or county, $2.00. Nonresident license required, $15.00. Closed season, 1, 4, nine days preceding quail season; 5, 7, 9, during two-day deer season. Bounty: 5, 7, 9, from $2.00 to $20.00, paid by the various counties. Shotguns limited to three-round capacity.

Montana: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15. Resident and nonresident licenses not required. Closed season, none. Bounty, 5 (individual stockman's associations and counties), 7, $2.00; 8, $25.00.

Nebraska: 1, 2, 3, 4, 5, 6, 7, 11, 12, 13. Resident and nonresident licenses not required. Closed season, none. Bounty, 5, 7, $2.50.

Nevada: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14. For hunters not under 16 years of age, resident license required, $3.00. Nonresident license required, $10.00. Closed season, none. Bounty, 8, various amounts by local groups, will not be paid after July 1, 1947.

New Hampshire: 1, 2, 7, 8, 9, 11, 12, 13, 14, 15, 16. For hunters not under 16 years of age, resident license required, $2.50. Nonresident license required, $15.15. Closed season, none. Bounty, 7, $20.00. Semiautomatics, five round limit.

New Jersey: 2, 7, 11, 12, 13, 14. Resident license required, $2.10. Nonresident license required, $10.50. Closed season, none. Bounty, none. 1, licenses as above. Closed season Oct. 1-June 30. Bounty not exceeding $.50 may be paid by Board of Freeholders. All hunting limited to a shotgun except that a special permit is issued whereby persons may use a rifle for the killing of woodchucks during the open season.

New Mexico: 2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 13, 14, 15, 16. Resident license, not required. Nonresident license required, $10.00. Closed season, none. Bounty, none. Dusky or "Whistling" Marmot, closed season, all year. Shotguns limited to three rounds.

New York: 1, 2, 4, 7, 8, 9, 11, 12, 13, 14. Resident license required, $1.65. Nonresident license required, $10.50. Closed season, none. Bounty, none. Semiautomatics, six round limit.

North Carolina: 1, 2, 7, 8, 9, 11, 13, 14. Resident license required, $3.10. Nonresident license required, $15.75. Closed season, none. Bounty, none.

North Dakota: 1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 13, 14, 15. Resident and nonresident licenses not required. Closed season, none. Bounty, 5, 7, 9, $5.00. Shotguns may not be carried afield from July 1 to the opening date of hunting season.

Ohio: 1, 2, 11, 12, 13, 14. Resident license required, $1.25. Nonresident license required, $15.25. Closed season, none. Bounty on 2, paid at option of Board of County Commissioners.

Oklahoma: 2, 3, 4, 5, 7, 8, 9, 11, 13, 14. Resident license required, $1.25. Nonresident license required, $15.00. Bounty, 5, 7, 9, $2.50.

Oregon: 2, 4, 5, 6, 7, 8, 9, 11, 13, 14, 15, 16. Resident license required, $3.00. Nonresident license required, $15.00. Closed season, none. Bounty: 7, $2.50; 8, $50.00; 9, $30.00.

Pennsylvania: 2, 6, 7, 11, 12, 13, 14. Resident license required, $2.00. Nonresident license required, $15.00. Closed season, none. 1, license requirement as above; no closed season until Sept. 9, 1947. Bounty: 12, adult, $2.00; fledgling, $1.00; 14, adult, $4.00, fledgling, $2.00.

Rhode Island: 1, 2, 7, 11, 12, 13, 14, 15. Resident license required, $2.25, unless actually domiciled on land hunted. Nonresident license required, $10.25. Closed season, none. Bounty, none. No rifles larger than .22 caliber. No shotgun with single slug or ball.

(Continued on page 27)

SAM COLT'S REPEATING PISTOL

CONCLUSION

By MAJOR B. R. LEWIS

In 1846, WITH THE IMPETUS OF THE MEXICAN WAR, Army interest in the Colt revolver was revived, and orders were fairly consistent thereafter through the Civil War period. Going back a few years to the Paterson period, sales that Colt previously made in Florida and in Texas had resulted in requests for a heavier handgun. Though official interest had been slight, several Army officers acquired and retained a great personal enthusiasm for Colt's weapons. Always ready to supply what the customer desired, Colt got a somewhat heavier revolver (.36 caliber with 7½- and 9-inch barrels) into production about 1839 or 1840. This was very likely the sort purchased for the Navy in 1845 (Figure 5d).

The Army in those days used a single-shot pistol firing a half-ounce round ball with thirty grains of powder. A Colt experimental pistol has come to light in recent years that evidently is contemporary with the loading-lever development of about 1839. In this, the Patent Arms Company attempted to use the standard Army pistol charge. This pistol (see Figure 5c) is five shot, caliber .52, with an eight-inch barrel, so that it fits the standard pistol holster. It is the author's belief that this is the pistol for which Colt advertised in 1846 (as he testified in 1850 before the Select Committee of the House of Commons). That he was searching unsuccessfully for one of his former production models does not make sense. The Ordnance Department still had on hand the pistols purchased in Florida. This is shown by a note to the Secretary of War from the Senate Military Committee when that body was discussing the 1847 model.

[To] 22 April, 1848.

The Committee are also desirous of seeing one of the old pistols upon which the report sent in with the papers for the Ordnance Department made some years since was founded. If you would send down two of the old pistols to the Committee room I shall feel obliged to you.

Very respectfully,
Yours,
Tho. J. Rusk (Senate Military Com.)

Hon. W. S. Marcy
Sec. of War

There was also a specimen deposited by Colt in the U. S. Patent Office, since transferred to the Smithsonian Institution (shown in color on the May AMERICAN RIFLEMAN cover).

Colt, himself, had a whole series of his old pistols on hand, as is shown by his response to a similar request by the Committee in 1848. It is of interest to note that he mentions in this letter that pistols were submitted to the Ordnance Board in 1837.

Willards Hotel
Washington, Dec. 18, 1848.

Agreeably to your request, I send herewith specimens of my pistols that exhibit some of the changes I have made in them since the first specimens were submitted to the Ordnance Board in 1837.

Saml. Colt.

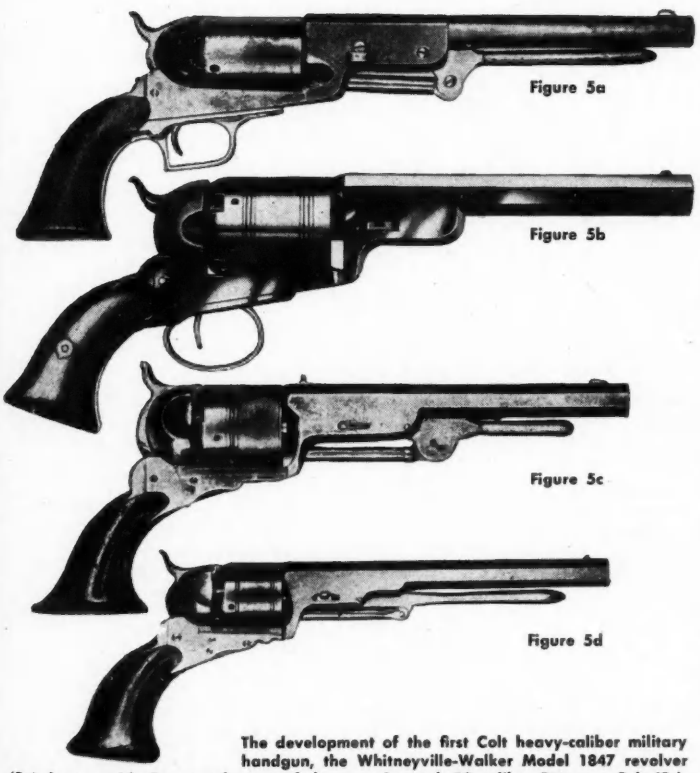


Figure 5a

Figure 5b

Figure 5c

Figure 5d

The development of the first Colt heavy-caliber military handgun, the Whitneyville-Walker Model 1847 revolver (5a), began with the manufacture of the experimental .52 caliber Paterson Colt (5c), an adaptation of the .36 caliber Paterson (5d). Further modification of the experimental .52 caliber revolver resulted in the pilot model of the 1847 Colt (5b), made in 1846. All but the pilot model are in the Henry M. Stewart collection.

At any rate, in the fall of 1846, when the Army finally wanted Colt's revolvers, he was unable to locate his sample of the sort of revolver the Army had in mind. The Army still required a half-ounce ball, but finally decided it should be conical instead of the round rifle (and single-shot pistol) ball formerly standard for everything smaller than the smoothbore musket. Colt, with assistance from some of his former factory employees, redesigned the big handgun from memory, and after dickering with the War Department, wrote on December 10, 1846, accepting an offer of twenty-five dollars per pistol (based by the Secretary on the 1845 price).

Colt asked that Captain Samuel H. Walker (who had used Colt's pistols in both Florida and Texas) or some other qualified person be sent to agree on suggested improvements of the model arm. Walker requested that an attached rammer be added, and that the angle of the grip be altered. The old-style rammer of the Paterson period was intended for round balls only. This type pushed the pointed bullet for the Model 1847 revolver off center, so a new design was required. (Author's note: Has anyone evidence of a Paterson revolver using conical balls?) Later, Colt

asked permission to change the trigger guard from iron to brass to facilitate manufacture. The "pilot model" for the Model 1847 Whitneyville-Walker revolver was displayed at the 1876 Centennial Exhibition. It is now in the Colt collection at Hartford (Figure 5b).

There have been persistent tales of the production, toward the end of the Paterson period of Colt manufacture, of a number of heavy revolvers for use in Texas. These were supposed to have been connected with Samuel Walker as to design or specifications. There appears to be nothing in the U. S. files to indicate such an order and, of course, the Colt records were burned. If the order were for Texas, the records would probably not be in Washington. There are several fragments of evidence that mitigate against writing off the possibilities of such revolvers. If there were such, they would undoubtedly fall somewhere between Figures 5b and 5c in general appearance, and between calibers .44 and .52 in bore. They would definitely *not* look just like an 1847 Walker Colt, many of the details of which were specified by the Government in 1846.

On January 4, 1847, Colt received a contract for 1,000 of his new-type pistols, and sublet it to Whitney. Though these Model 1847 pistols (Figure 5a) were in great demand, the War Department was still not too much impressed. The following letter brings this out as well as clinching the "Florida War" pistol purchase.

Ordnance Office 5 Apr. 1848

Sec. of War:

I have the honor to state that several hundred of Colt's Carbines and Rifles, and some pistols have been heretofore procured and used in the Florida War; also in 1845, and one thousand pistols have recently been furnished to the troops in Mexico and a further supply of one thousand more pistols will soon be received from the manufacturer. . . whoever supposes that placing a Colt's Pistol in the hands of an ordinary soldier, will make him a "Jack Hays" will be disappointed.

G. Talcott.

Walker and others who had used revolvers before were very enthusiastic—Walker said in a letter written to his brother on October 5, 1847, ". . . they are as effective as a common rifle at one hundred yards and superior to a musket, even at two hundred." Considering the nine-inch barrel, and the 50 grain charge with conical ball (or 57 grains with round) the "Walker" was really quite a gun. In fact, that big charge was its undoing, as the letters below plainly show.

Ordnance Office, Washington, 30 May 1848

Sec. of War

Two hundred and eighty Colts Pistols were sent to Vera Cruz in August last, and were there issued to the Texan Rangers, under the command of Colonel Hays. These men were recently mustered out of service, and turned over their arms to the Ordnance Officer in charge of the Depot at Vera Cruz. A copy of his letter describing the destruction and defects of these pistols, is respectfully enclosed herewith. I am, Sir, etc.

Talcott.

Ordnance Depot
Vera Cruz, Mexico, May 8, 1848

Col. G. Talcott
Ordnance Corps
Sir:

Five companies of discharged Texan rangers have turned in their arms and accoutrements. Agreeably to the statement of Colonel Hays, these men received less than a year ago, 280 Colts patent pistols of which number 191 now revert to the U. States. The remainder chiefly bursted in their hands—tho a few were lost in skirmishing with the enemy.

Of the 191 turned in only 82 can be considered serviceable. All of the others have been more or less damaged by firing, and the wear and tear of some eight months use in the field. In some cases the cylinders are entirely destroyed—in others the barrels are irreparably injured where they join the cylinder—and again, having bursted at the muzzle, the barrels have been cut off to one half their original length.

As the pistols were turned in loaded in attempting to discharge them the *Snaps* were found fully equal to the explosions—and in no instance were all the six charges, in any one cylinder, exploded—rarely over four—frequently but two.

Colonel Hays states that for the first few days after his men received these arms they were continually bursting—but that eventually, those which were left were fired with less certainty of such a result.

This being probably the first experiment of these pistols in actual service, I consider it worth while to commit the foregoing facts to paper.

I am respectfully,
Your Obt. St.
Jno Williamson, Capt. Ordnance.

Naturally, the trouble with the 1847 pistols soon got back to Colt. In fact, some of it showed up in the proof firing, when it became obvious that too much powder could be put into the cylinder for its own good. In the fall of 1847, before he had finished the first contract, Colt wrote to Ordnance suggesting certain changes. The most important was to reduce the length of the cylinder and barrel so that from the bottom of the chamber to the muzzle would be just nine inches. He also suggested an improved rammer catch which would prevent the rammer from falling when the pistol was fired and thus tying up the action. Anticipating further Government business Colt had acquired a factory in Hartford. On November 2, 1847, after the first thousand pistols had been delivered, he received a contract for another thousand to be made according to the improved model he had suggested.

There had been considerable correspondence back and forth between Colt and the Ordnance Office towards the end of 1847 in connection with changes in the pistol design. Ordnance, too, had suggested a shorter barrel. The proposal was made through Inspector W. A. Thornton—but was to allow the use of the old-style pistol holsters interchangeably. Someone had evidently slipped up on clearing these changes as is evidenced by a letter now quoted.

O(rdnance O(ffice) February 14, 1848

Saml. Colt, Hartford, Conn.

Capt. Thornton reports that the thousand pistols you are now making differ from the pattern of the first thousand—Such being the case and as there is nothing in all the letters to you either from the War Dept. or this Office warranting a departure from the 1st model, it will be necessary before the inspection of the thousand pistols can be permitted to proceed; that you present to this Office, for inspection and if approved to serve as a guide for the Inspector of the pistols you are now making, a pistol with *all* its appendages exhibiting any alterations you may have made from the 1st pattern.

I am, Sir, etc.
G. Talcott, Lt. Col. of Ordnance

(Approved by Sec. of War on 8 Apr. 48)
(Agreed to modifications.)

After the second thousand pistols (known today as "first-model Dragoons") had been completed at Hartford, Colt wrote as follows:

Washington City, Nov. 26, 1848

Sir: I have delivered to the Ordnance Department all the repeating pistols for which you have given me orders, making in all 2000.

The first 1000 of which were, I am told, distributed mostly amongst the Texan and other volunteers in Mexico and mostly retained by them when discharged, some paying for them and others reporting that they were lost or broken. I learn, also, that casualties such as the bursting of the cylinder, or barrel of a pistol occasionally occurred in the use of this first thousand pistols. The cause for which may be attributed partly to imperfection in the steel of which they were made (which was the best and highest priced steel that could be procured in the New York and Boston markets at the time) and partly from overloading in proving them.

The second thousand pistols just completed are made from steel which I imported expressly for the purpose and it is equally refined, but is made with less carbon which gives it a great toughness and I am convinced that by reducing the length, which has been done by your consent, of the cylinder to prevent overloading, they will be perfectly secure. For proof of the relative strength of the metal put into the first and second thousand pistols, I refer you to the reports of the officer who inspected them, now on file at the Ordnance Department by which it will be seen that more than twelve percent of the cylinders of the first thousand pistols burst in proving them, *when less than one percent* have burst of the last thousand proved, and at the last inspection of 120 pistols just completed, *neither a cylinder or barrel was burst or cracked. . . .*

Very resp.
Your Obt. Servt.
Saml. Colt.

[To]
Hon. W. S. Marcy, Sec. of War

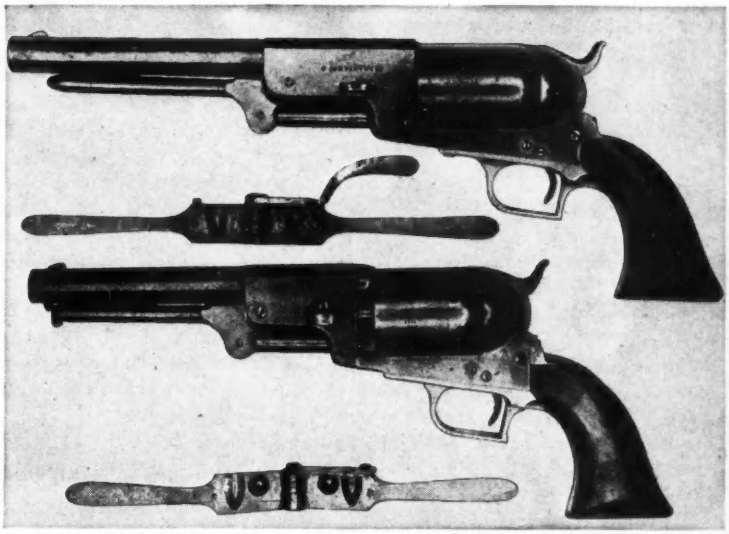


Figure 6: (top) Model 1847 Colt "Walker" with bullet mold. (bottom) Model 1848 Colt Dragoon with bullet mold. Both are in the Henry M. Stewart collection

The 1847 Whitneyville-Walker revolver is shown in Figure 6, together with its bullet mold. This specimen, from the Henry M. Stewart collection, is the Pulhamus Walker mentioned in James E. Serven's *Colt Dragoon Pistols*. It is shown for comparison with the improved or 1848 Model (Figure 7). The reduction of the cylinder length, together with the use of improved low-carbon steel from England appears to have ended the troubles with Colt's arms. The Army has continued a series of orders to the present day.

There are some interesting side lights to the story of these early Colts. With the start of the California gold rush, Colt revolvers were in great demand. Captain Thornton wrote that Colt was selling revolvers commercially at a figure much higher than that of his Army contract, thus delaying Army deliveries. Congress appropriated $50,000 for revolvers to be made available at cost to emigrants going West. The third and fourth orders, for one thousand each, were for that purpose. The fourth order ran only to 988, which used up the appropriation. Practically the entire production of the years 1849 and 1850 went to emigrants. The situation as regards revolvers in 1849 is shown by a letter from General Talcott to the Secretary of War.

O(rdnance) O(ffice) Washington, 23 Mar. 49.

Hon. Geo. W. Crawford, Sec. of War

On the subject of Mr. J. Knox Walker's letter of the 21st inst. referred to this office, I have to report:

That a full supply of Colt's pistols for the Regiment of Mounted Rifles has been sent to St. Louis, and ordered to be delivered to them. An agreement was made with Mr. Colt, in January past, to furnish a supply for the 2d Regt. of Dragoons, but no delivery has yet been made under it. The 1st Regt. of Dragoons have never asked for pistols of this kind, and are understood to prefer the regular percussion pistol, with which they are armed. General Worth's request for Colt's pistols has been answered by a deposit of a supply (500) at Baton Rouge Arsenal, subject to his order. There is, therefore, no special want of them, so far as the U. States mounted troops are concerned, except in the case of the 2d Regt. of Dragoons which will be supplied as soon as Mr. Colt will furnish the pistols according to his agreement.

The price to be paid for the thousand, last ordered, was fixed by the Secretary of War at $25 each, including appendages, and was accepted by Mr. Colt. The two thousand, previously procured by the Government were paid for at $28 a piece.

There are many applications for these arms by emigrants to California, which this Department cannot supply, and it is understood that Mr. Colt meets with a ready sale to emigrants, as fast as he can make them, at a higher price than has been paid by the Government.

The foregoing is believed to be a correct statement of facts connected with the demand for these arms. In connection with this subject, I enclose a copy of my report of April 1848, in answer to certain resolutions of the U. S. Senate. Mr. Walker's letter is returned herewith.

I am, Sir, etc.
G. Talcott, Bt. Brig. Gen.
Colonel of Ordnance

Towards the end of the period when the heavy "Dragoon" type Colt revolver was being purchased by the Government, some of them were fitted with extension stocks for use as carbines. In 1858, the Army ordered 924 such revolvers, with 462 stocks—one per pair. The following year eight more revolvers with four stocks were obtained for issue to militia units. Later, similar stocks were procured for "New Model" Army and for "Navy" revolvers, but no more were ordered for the Dragoon size.

The author has one more point to make. Even after the delivery of his second thousand revolvers, Colt did not feel at all secure in his relations with the Ordnance Department. In 1848 he addressed President Polk in a personal letter.

Washington, Sept. 2, 1848.

Sir:

Within a day or two an arm has *(Continued on page 32)*

The M-1 as a Sporter

(Continued from page 14)

eter or other type of rear sight can be mounted as desired.

A ramp front sight gives racy lines to the forward part of the rifle. Machine one in a lathe and shaper from a solid block of steel. Make the band section of the sight the same length as the .510 inch diameter cylindrical section which you turned on the barrel. It should fit the cylindrical section of the barrel tightly, and bear against the 90-degree shoulder at the rear. The outer diameter of the band should be the same as that portion of the barrel immediately to the rear of it. Drill and tap a ⅛ inch hole vertically through the upper forward part of the ramp at the point where the dovetail sight blade will be located. Also drill a shallow set-screw hole in the top of the barrel in line with the hole in the ramp. Now slide the sight onto the barrel and lock it into position with a dog point set-screw. The screw head is concealed beneath the dovetail sight blade. With the ramp in position on the barrel, the muzzle is crowned. The forward end of the sight band forms a part of the muzzle crown. The top of the front sight should be about 1⅛ inches above the bore axis if the issue M1 rear sight is used. It is advisable to make the sight blade slightly higher than necessary and cut it down to required height as determined by targeting.

Weight should be removed from metal parts wherever practicable. The trigger guard can be narrowed considerably and the ring-shaped lug ground off at the rear. The bottom front part of the safety can also be rounded off and streamlined. The corners on the left side of the receiver should be rounded off, but not to such an extent as to affect strength adversely. The top right side of the operating rod can also be rounded off and caused to blend more nearly into the contours of the adjoining woodwork. A radial lightening cut at the thick portion of the rear of the operating rod handle greatly helps appearances.

Remodeling of the stock and handguard consists principally of removing wood wherever so doing will not detract from the strength. It is surprising how much weight and bulk can be removed. Narrow the fore-end so that no wood projects beyond the sides of the handguard. Replace the issue buttplate with one of sporting type, or fit a recoil pad. A cap fitted to the bottom of the pistol grip aids in giving a custom-built appearance. A neat set of small sling swivels can well replace the clumsy military type. Final stock dimensions, type of surface finish, design of checkering on grip and fore-end, and amount of antiglare matting along the top of the handguard are optional items dependent upon personal tastes. The neat sporting lines to which the issue M1 stock can be hewed gives one a feeling of great satisfaction.

Polishing and bluing of metal parts needs no special comment except that before bluing the barrel one must remember to plug the gas port as well as the breech and muzzle. This is most effectively done by shoving a tight fitting rubbercork down the bore so that it covers the gas port. The gas cylinder, gas cylinder lock, and gas cylinder lock screw are made of rust resistant steel which will not take a blued finish. It is best to sandblast the exterior nonbearing surfaces of these parts. This treatment will give a sort of grayish "egg shell" finish often seen on receivers of expensive foreign guns, and not at all undesirable.

If the gunbug is ambitious and wants to turn out a superduper job he can make a "tailormade" stock of selected walnut. To get away from use of the rear handguard he can make the stock so that it comes up to half barrel diameter, and without unsightly gaps around the barrel and operating rod. The lower band would require some extra modification if this were done. Also, a person with barrelmaking experience could rebarrel an M1 to handle the popular .270 Winchester cartridge. This cartridge is especially well adapted to the M1 action because its over-all length and case head diameter are the same as the .30-'06. Other refinements are knurling of the clip latch thumbpiece and grooving of the operating rod handle.

Still another suggestion for those who desire the utmost is the mounting of a hunting scope sight. When the M1 clip is used, a scope mount offset to the left is necessary. However, this is not a very satisfactory arrangement, and perhaps the real solution to the problem would be to devise a Pachmayr type of hinged bracket scope mount which would allow easy pivoting of the scope to the left of the receiver during magazine loading.

There are many who are prejudiced against the use of semiautomatic rifles for hunting, on the grounds that use of such a weapon is unsportsmanlike and "it doesn't give the game a chance." This is a very effective admission of the superior efficiency of the semiautomatic rifle. The real value of the semiautomatic lies in its ability to get in the second and third shots on moving game much more quickly than with manually operated rifles, and with far less distraction from the target between shots. Another advantage is that valuable training time is not taken up in learning how to manually operate the mechanism. Bolt manipulation is a feat which some riflemen never fully master. Also, the semiautomatic is quite adaptable to either right- or left-hand shooters, and in this respect is of considerable advantage over the bolt action.

To pay for these advantages the semiautomatic weighs a bit more than the manually operated rifles (the M1 sporter weighs eight and one-half pounds), is slightly less accurate, less positive in functioning, will not handle as wide a range of pressures, and is somewhat more difficult to clean after firing.

Results obtained with an M1 remodeled by the writers have been extremely gratifying both as regards accuracy and proper functioning. Two hundred and sixty-five rounds of military and sporting factory ammuntion have been fired in this weapon thus far, and with only three minor malfunctions caused by failures to feed. The rifle has a beautiful sporting balance and handles with natural ease.

The writers predict that in spite of prejudices against it, the semiautomatic high power sporting rifle will become more perfected and increasingly popular. In time to come it will gradually replace manually operated rifles—just as surely as the single shot has been outmoded by the repeater! ◆ ◆ ◆

NATIONAL MATCH PROGRAMS

Programs for the National Rifle and Pistol Matches, to be held at Camp Perry, Ohio, during the first two weeks of August, will be available about June 10. Advance entries will be required.

Varmint Laws and Seasons

(Continued from page 22)

South Carolina: 1, 2, 7, 11, 13, 14, 15, 16. Resident license required, state, $3.10, county, $1.10. Nonresident license required, $15.25. Closed season, none. Bounty, none.

South Dakota: 2, 3, 7, 11, 13, 14. Resident and nonresident licenses, not required. 4, 5, resident license, not required. Nonresident may not hunt or kill these animals. Closed season, none, bounty none.

Tennessee: 1, 2, 7, 11, 12, 13, 14, 15. Resident license required, $2.00, except when hunting on land on which one is actually domiciled. Nonresident license required, $15.00 season, $5.00 two-day. Closed season, none. Bounty, none. Shotgun limited to three rounds.

Texas: 1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 12, 13, 14, 15, 16. Resident and nonresident licenses, not required. Closed season, none. Bounty: 7, 8, 9, not more than $5.00.

Utah: 1, 2, 3, 4, 5, 6, 7, 8, 9, 11, 13. Resident and nonresident license, not required Closed season, none. Bounty: 5, 7, $6.00; 8, 9, $15.00.

Vermont: 1, 2, 7, 11, 12, 13, 14. Resident license required, $1.75, unless actually domiciled on land hunted. Nonresident license required, $12.50. Closed season, none. Bounty: 7, $5.00.

Virginia: 1, 2, 7, 8, 11, 12, 13, 14, 15, 16. Resident license required, $3.00. Nonresident license required, $15.50. Closed season, none. Bounty, none. Shotgun limited to three rounds and may not be larger than 10 gauge.

Washington: 1, 2, 3, 4, 5, 6, 7, 8, 10, 11, 12, 13, 14. Resident and nonresident licenses not required. Closed season, none. Bounty: 2, $.10; 5, 7, $5.00; 8, $50.00. Bounty may be collected only by a licensed resident, $3.00.

West Virginia: 1, 2, 7, 11, 12, 13, 14. Resident license required, $2.00. Nonresident license required, $15.00. Closed season, 1, Jan. 1-June 30. Bounty, 7, $4.00.

Wisconsin: 1, 2, 4, 5, 6, 7, 9, 14. Resident license required, $1.50. Nonresident license required, $25.00. Closed season, 1, Dec. 1-Oct. 18; 4, Jan. 16-Oct. 18. Bounty: 5, $20.00; 7, $5.00; 9, $20.00. Rifles larger than .22 rimfire and shotguns loaded with shot larger than No. 1 shot may not be carried in deer areas from April 1 to Jan. 1 unless the hunter has first obtained a permit from the Wisconsin Conservation Department. ♦ ♦ ♦

WHY NOT ORGANIZE A CLUB?

MERELY TO JUDGE FROM THE NUMBER of hunting licenses issued in 1947—over ten million—one would say a large percentage of the population of this nation is interested in shooting. Figures do not tell how many others own rifles and pistols, shooting them whenever the occasion arises, who are not licensed hunters and who never participate in any organized shooting activity.

If you are a shooter and there is not a club in your town, it will be to your advantage to seek the other individual shooters in your community and organize a club.

Once a number of persons in your town is organized into a shooting club, it will be possible to finance the construction of a range with the income derived from sponsoring tournaments and other activities, and from membership dues. Affiliation with the NRA makes a club eligible to obtain rifles on a loan basis, and to purchase ammunition at cost, from the War Department's Director of Civilian Marksmanship.

Every organization that conducts recreational activities will find a ready-made shooting program available through the NRA. Veterans of Foreign Wars and American Legion Posts find target shooting an appropriate means of providing added interest for their members. These shooting programs may be sponsored by the individual post or by joint action of a district.

Shooting clubs may be formed in already-existing groups such as fraternal or athletic societies, YMCA's, churches, community clubs, and businessmen's service clubs. Even Municipal Police Departments and State Constabularies find considerable advantage in affiliating their groups with the NRA since it provides them with both a training program and a method of keeping alive an interest in rifle and pistol shooting.

Conservation Clubs will want a shooting-activities section in their organization. Instruction in the safe and correct handling of firearms will be one of their interests. This can be best accomplished by target shooting and through training programs provided by the NRA for affiliated clubs.

Industrial rifle clubs are one of the finest methods of maintaining good industrial relations. A rifle club builds better employee relations because every man and woman, regardless of age or even minor physical handicaps, can participate in its activities. Departmental relations are also bettered by interdepartmental rifle teams firing matches. Many other advantages in morale building make the NRA affiliated club a necessary function in satisfactory industrial relations.

Target shooting is one of the few sports which can be played both night and day, summer or winter, indoors and out.

A minimum of ten active members is all that is required to start a club. Senior groups are encouraged to sponsor Junior Clubs. Every American boy loves a rifle and welcomes a chance to learn to shoot and handle it safely and accurately. Special NRA Junior programs are provided for the youngsters' clubs.

NRA affiliated clubs, both Senior and Junior, may obtain assistance from the War Department, through its Office of the Director of Civilian Marksmanship, in the form of free issues of rifles, ammunition, targets, and other range equipment.

Rifle and Pistol club organization material is available at NRA headquarters for the asking. A request directed to the NRA Club Activities Division, 1600 Rhode Island Ave., Washington, D. C., will bring the necessary forms and helpful instructions, explaining every detail in establishing a shooting club and affiliating it with the NRA. Detailed plans for the construction of various types of shooting ranges have been prepared by the Staff Engineer and are ready for use.

Join with the many other communities by starting a rifle and pistol club in your town. Have your club on the NRA rolls during this record year of shooting activities. ♦ ♦ ♦

The Night Before the Match

(Continued from page 16)

proved to be full of large rocks except for the top layer of peaches. Now I'm going to show you where this was devilishly preordained by the Evil Gods. Hank is a right-handed shooter, Walter is a port-sider. Did they happen to grab that big basket of rocks with their wrong hands? Not those lads . . . Hank now wears a thirty-nine sleeve on his right arm and Walter has to stand on his tippy toes like a penguin on an iceberg to get his left hand up high enough to get it in his pocket.

The night before the match! Poor old Wilbur Taylor was telling me about some of his troubles in Los Angeles one day.

"Had a tough one comin' up," he said. "California State Matches. I was going pretty good in my class but what do you suppose happened to me the night before the match?"

"Let me have it, Taylor," I said. "What did happen?"

"Came down with the worst headache any mortal ever had," he said. "Just throbbed like a freight engine and then every once in a while a flash of blue lightnin' would start just under the base of my skull and circle around my noggin' till it bullseyed right over my left ear. My face was all flushed and full of blood and I'd got everybody in the house up, what with my carryin' on about not being able to shoot next day and tearin' the house up lookin' for sedatives. Why, Echols," he told me, "I was eatin' aspirins like popcorn and every little bit it'd feel like a double-bitted axe had crashed down through my head. My wife finally came into the kitchen where I was busy wringin' out a wet wash cloth to put on my brow. She said 'Wilbur, I've been holding this in reserve as a last resort, but I've got a cure for that headache.'

"In God's name what is it, dear?"

" 'Well,' she said, 'you take a washtub full of ice water and simply sit down in it. That draws all the blood from your head down into your middle and you're all right before you know it.'

"Now Echols," Taylor told me, "you know how a man will grab for straws when he's drowning. Well, that's the way I grabbed for that ice water deal."

"How'd it work out?" I asked him, "did it cure your headache?"

"Cure my headache! That would have cured me of the runnin' fits! I started to slip down into it gently but my feet slid out from under me and before I knew it I was in it to my hocks on one end and my armpits on the other."

"How'd you shoot next day?" I asked him. Taylor looked at me for a minute like he was going to strike me. Then he just walked away shaking his head.

We were discussing all these strange things that happen to shooters the night before the match while gathered around in a tent at Squaw Camp at Perry one night. I had got around to telling about Taylor and his tub of ice water when Buck Buchanan, the famous Los Angeles shooter and gunsmith, said, "I wish you guys would stop talking about it. Here it is the night before the .45 matches start and I felt like I had a pretty good chance tomorrow. After hearing a couple of these wild tales I'm cold and shivering all over. My feet feel like icicles and my face flushes hot and cold by turns."

Smitty Brown, who was cleaning his gun, took a couple of turns on the back sight with a screw driver. "You're all right, Buck," he told him, "you've been standing in the beer tub for the past ten minutes." ◆ ◆ ◆

THE VALUE OF A KNOWLEDGE OF ARMS

Lord Palmerston once well remarked, "There is no fortification like brave men, armed, organised, and ready to meet an enemy," and few, except the worthies of the Peace Society, will be inclined to dispute this. Every right-thinking man values the countless blessings of peace; but these cannot be long enjoyed, whilst so little of the angelic nature exists in this sublunary scene, unless the possessors of these blessings demonstrate that they will not, without strong opposition, allow their privileges to be invaded.

We see on the Continent of Europe, we see in America, the youth accustomed to arms; this does not continually lead to a reckless and wicked resort to deadly weapons, unless the occasion demands it; but it gives confidence and a feeling of security to those who possess a knowledge of arms, and also to the peaceful citizens, where no such knowledge exists. There need be no panics, no fear of invasion, if in every town and village of our beloved native land, encouragement is given to manly exercises and among others to the use of the rifle.

—from *Passages in the Life of a Soldier,*
by Lt. Col. Sir James E. Alexander, K.C.L.S., 1857.

ACROSS THE FIELD OF BATTLE UPON WHICH RAGES THE FIGHT OVER .25 CALIBER WILDCATS

THE .25-'06 RIDES AGAIN

By WILLIAM CORSON

THE LONGER A MAN TINKERS WITH GUNS, the more chances he has of coming out with dogmatic statements in regard to them. And the more often he does that, the more likely he is to find himself in a position where he will have to eat crow. There is one consoling factor that goes with this, however. The older one gets, the less foul a well-deserved dish of crow tastes.

All this comes up because I used to announce loudly that I thought the .25 Magnum was the best all-purpose weapon for a gun nut in the Western states. Nowadays I am smiled upon by the Red Gods and thereby gifted with enough sense to refrain from saying flatly that any gun is *the best gun*. I can't cure myself of opinions concerning relative merits, though, and now I reckon that the genus .25-'06 is a more desirable caliber (to me) than any of the magnum vintage that I know of.

The idea of necking down the .30-'06 case to .25 caliber is very far from new. While it seems unlikely that this was being done in Biblical times, it couldn't have been much later than the sack of Rome by the Visigoths or Huns (or whoever) that it became a popular pastime.

So far as I know, the first time the .25-'06 became a moderately stable caliber sold commercially was around 1913 when the Niedner Company put it out as their .25 Highpower, after which Griffin & Howe issued it under the alias of .25 Whelen.

The main thing against the .25 Niedner was that the cartridge case was unnecessarily big for the powders available then and for some years afterward. Even so, it was miles ahead of the .250-3000, and so it hung around until the nifty .257 Roberts came along and pushed it into the background by being cheaper and a factory product and almost as powerful in certain bullet weights. Phil Sharpe's handloads on the .25 Niedner compare with one factory's velocity quotes on the .257 Roberts as follows (though the original Niedner loadings probably weren't this potent):

	.25 Niedner	*.257 Roberts*
87 grain bullet	3200 foot-seconds	3200 foot-seconds
100 grain bullet	3050 foot-seconds	2930 foot-seconds
117 grain bullet	2900 foot-seconds	2670 foot-seconds

But the Roberts cartridge never succeeded in killing the big '06 adaptation entirely. During the last few years, there seems to have been a revival of interest in various designs of the .25-'06, possibly spurred by the fine series of du Pont powders which the old-timers did not have. Some of the *aficionados* have stuck to the original .25 Niedner design, using charges equivalent to 42 to 47 grains of No. 4320 with the three traditional weights of .25 caliber bullets and getting velocities similar to those in the above table. One fan of this species happily wrote a song of praise of his pet for the pages of the April, 1945, RIFLEMAN.

A lot of these die-hard lovers of the bigger cases do their own gunsmithing, even though they are not pros at the racket. Over in Phoenix I ran onto Morgan Pratt, a city official during office hours, who makes his own .25-'06's in a design which he considers much superior to the Roberts. If I remember correctly, his case uses loads in the neighborhood of 48 grains of No. 4064 behind the 87 grain bullet.

Then there is Dr. Paul Brabec, in Reno, Nevada, who also does his own chambering work and even builds his own scopes! He started tinkering with the .25-'06 in 1934 with Con Schmidt. Brabec says he has varied the reamers from time to time for the sake of variety, but always comes back to a design with a 17½ degree shoulder. It has a standard '06 body taper so far as I can tell from looking at the case. Filled to overflowing, his .25-'06 holds 61 grains of 4064, and was chronographed years ago at the University of Minnesota with the following representative speeds:

Bullet	*Powder*	*Charge*	*Average Velocity*
117 grain	1147	45.5 gr.	2975 f.s.
117 grain	3031	42.0 gr.	2950 f.s.
100 grain	1147	47.6 gr.	3230 f.s.
100 grain	3031	44.5 gr.	3323 f.s.
70 grain	3031	48.2 gr.	3820 f.s.

These charges appear to run around four grains heavier than comparable loads for the .25 Niedner, and velocities are higher except in the 117 grain bullet, which does not display any significant gain. The doctor says he does not know how velocities will run with the modern heavier loadings of 4064 and 4350 powders, but ". . . the results on moose, deer, antelope, coyotes . . . and jacks with the .25-'06 are all I need." The WT&CW 115 grain bullet was his selection for one-shot kills on two moose. He trims cases every ten to fifteen loadings, and says barrel life is excellent, ". . . 1200 to 1500 rounds in chrome moly barrels . . . with little erosion in throat." Dr. Brabec's case seems to be fairly typical of the conservative modern improvements on the .25 Niedner.

Next we come to the largest-capacity variant of the caliber with which I am familiar—the 66 grain case made by Ackley, Moffat, and a few other gunsmiths, generally referred to as the Ackley .25-'06. The two-inch long case body seems to have a taper of about 0.005 inch per inch; the shoulder slope is alleged to be 40 degrees.

I had heard interesting reports on the Ackley .25-'06 so I arranged to get a barrel chambered for the caliber. Then commenced a comedy of errors. It took so long to get the barrel that I haven't had time for as much testing as I would ordinarily consider desirable on a new caliber. Fortunately, however, I've been able to get information from several others who

know the caliber well, so I feel equipped to form an opinion of it.

I originally sent a Remington 30S action and requested a fourteen-inch-twist barrel. After four months plus, it came back with a ten-inch-rifling twist, which I consider much too fast a twist for anything except heavy bullets for heavy game. I agree with Ralph Pike who says that a twelve-inch twist is probably the most generally useful, but since a 100 grain bullet was the heaviest I intended to use, I wanted a fourteen-inch twist to get maximum velocity and accuracy. The barrel-maker amiably told me to go ahead and test the ten-inch and he'd be getting a proper fourteen-inch twist ready for a quick swap.

The barrel was moderately heavy, about 0.70-inch muzzle diameter, straight tapered to 1.25 inches at the receiver. It looked fine. But the first very mild, case-forming loads resulted in punctured primers and wild inaccuracy. A fine danged thing I immediately thought—a case so inefficient that even mild loads fly wild. Then I observed that the edges of the primers showed no pressures at all, in spite of the punctures, and all became clear—weak firing pin spring. I can't imagine what the gunsmith must have thought when he fired his proof load. Anyway, I got one of those Schmidt & Davis striker springs and that did the trick. I had to cut a couple of turns off that brute of a spring so that I could open the bolt without spraining my wrist, but the punctures ended and accuracy was better. My only remaining woe with that ancient action was that the striker hole in the face of the bolt was way too big for the pin. Its sloppy fit and consequent primer protrusion around the dent made me stay a bit under the maximum pressures.

I got a few 117 grain factory .257 Roberts bullets, and used them developing loads. They shot fine. Then I had to pick 51.2 grains of 4064 behind the 100 grain Barnes bullet as my best load. Let me say right here that the bullet situation is an awful handicap for getting any real .25 caliber accuracy. At least I'm convinced that it's 90 percent bullet trouble.

Some of my friends have been getting gilt-edged results with the 90 grain Barnes bullet in high-speed .25's, but I couldn't get any of those bullets. The 100 grain Barnes looked rough and eccentric in shape and gave only fair accuracy. Some weights of the handsome Speer .25 bullets seem to do pretty well; other weights won't shoot for me or for anyone I know. I'm told the Weatherby .25 bullets are quite accurate, but I don't care whether they are or not—I don't intend to spend over a nickel apiece for *any* .25 bullets, and would hang up my .25 and go back to the .22's and '06's first.

Fouling turned up quickly and the use of graphite wads did not slow its appearance. I would get decent grouping for a few shots; then the fouling would start sending many of them wild. Representative groups at 100 yards ran two inches to four inches, with perhaps four shots out of every five in one and one-quarter inches to one and one-half inches. The fliers were persistently present and 200-yard groups were as varied.

Out in the field the gun looked good, seeming very flat to inordinate ranges (trajectory figures come later). As would be expected, it blasted jack rabbits like something atomic. It was much too late in the season for a try at deer, but I did get the cross hairs onto a coyote while in Arizona. I held on his back line because it looked like a gosh-awful distance in the thin morning light, but it turned out to be only 297 good paces and I was zeroed at 250 yards, so I almost overshot. The bullet struck very high on the left shoulder and practically removed that shoulder and a slab of backbone. An instant kill, of course.

Then the barrel went back to the maker for that "quick change," and came back with the fourteen-inch twist—nigh onto three months later.

The slower twist showed obviously lower pressures with the same loads, so I went up to 52 grains of 4064 or 56.5 grains of 4350 with the 100 grain Barnes bullet. Pressures looked OK for a good field load. Sure, I know they say you can't tell by primers, but I keep trying and I haven't blown anything up yet. I'll grant you can get low-pressure loads to show awfully flat primers at times, but I've yet to see the load that can blow up a good action and still show a mild primer. It doesn't seem to work both ways, but if I'm wrong I'd love to know it!

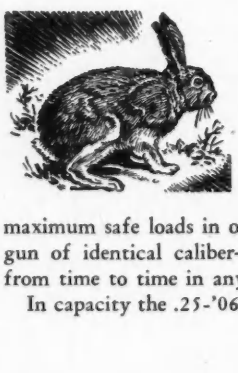
With the slower twist, accuracy improved, also. Groups still had wild fliers, but the nonfliers stayed down to or under a minute of angle at 100 to 200 yards with the Barnes bullet. Loads with the Speer 100 grain continued erratic. The smallest 400-yard group was eight shots in 7.3 inches, seven of them in 3.4 inches. I couldn't tell what the biggest was because some shots missed the paper. Even with the moderately heavy barrel, the gun seemed happiest with the barrel tied down in the stock with a jury-rigged barrel band of the Barr type.

Comes now the velocity question. Mr. P. O. Ackley, the Trinidad, Colorado, gunsmith, tells me his acquaintance with the caliber leads him to disbelieve both the very high and very low figures he hears quoted. He says his own chronographing ran something like this:

Bullet	*Powder*	*Charge*	*Muzzle Velocity*
125 grain	4350	*Unknown	3200 f.s. (approx.)
117 grain	4350	Unknown	3300 f.s. Plus
100 grain	4350	55 grain	3500 f.s.
100 grain	4350	54 grain	3449 f.s.
100 grain	4350	50 grain	3236 f.s.
90 grain	Unknown	Unknown	3925 f.s.
75 grain	Unknown	Unknown	4250 f.s. Plus

(*Unknown to me, that is).

Ackley states that all the above are maximum loads except the last two using 100 grain bullet loads. I believe that all the above were measured in ten-inch-twist barrels, and it is obvious that the velocities are much higher than obtained in the old .25 Niedner. Naturally, these loads may not give the same velocities in other guns of the same caliber, and it is, of course, true that maximum safe loads in one gun may be far too hot in another gun of identical caliber—a phenomenon which will turn up from time to time in any caliber.



In capacity the .25-'06 is very close to the rather new Ackley

.25 Short Magnum, which uses the big-belted magnum case cut down to hold 63 grains of 4064 (in my fired sample anyway). It has a stubby, 35-degree shoulder which I believe was designed by Al Barr, who felt that the ordinary .25 magnums were far too big and erosive. Barr's personal Short Magnum has been a generally fine performer for accuracy and trajectory, though the first specimen of the caliber he had was reportedly afflicted with flier trouble. The .25 S.M. is probably a wee bit nearer optimum case capacity than the .25-'06, though the difference is minor. But the little magnum has one grave defect in my opinion. To get cases you have to squeeze down and saw off the big .300 Magnum cases, and that is a major operation unless a man has considerable tinkering time.

There is also the bad angle that magnum cases cost *plenty* and are sometimes hard to find—ask the man who has owned one for the last few years!

With the .25-'06 the picture is entirely different. Everyone but small children and '06 haters like me has hoards of old government brass lying around. The .25-'06 cases are easily formed by shoving into an intermediate .270 die and then directly into the .25 sizing die. No trimming is necessary either. The stuff is so cheap and easily made that no one need worry about discarding poor brass or losing empties. This factor can be appreciated only by someone who has undergone the travail of making short brass out of long ones. You do have to pay elementary attention to headspacing, but that's a minor item.

In spite of my gripes about the fliers and inaccuracy of the .25-'06, it has shown accuracy fully equal to Barr's excellent Short Magnum whenever fed decent bullets. I got one small clutch of notoriously accurate 100 grain bullets from a generous friend, and the five-shot, 200-yard group had four in 0.93 inch and all five in 1.63 inches. That's gilt edge—and I wish I had more of the same bullets.

Several times I have fired my .25-'06, both ten-inch- and fourteen-inch-twist barrels, over a 400-yard test course to check actual drop at the different ranges, and will list several representative runs. Of course in trajectory all guns fluctuate from day to day or week to week, loads staying the same—unless you have one of those magic guns that I've read about but never seen. I have similar dope for one load in C. G. Moffat's ten-inch-twist .25-'06 barrel of the same breed as mine, and for two loads in Barr's .25 S.M. I will also ring in the 400-yard results on my Lovell Improved Zipper and on a published test of the highly touted .219 Wasp for comparison purposes.

To make the comparisons strictly fair, all guns should have the same scope height above bore axis. Since this cannot be arranged, it is desirable to pick some arbitrary height and correct each trajectory accordingly. Therefore, I have mathematically reduced scope height on all these guns to exactly zero, making scope axis and bore axis coincide, which puts them all on an even basis. I can't do it exactly for either the Wasp or the Moffat .25-'06 because I don't know their actual scope heights. I will arbitrarily assign them the modest figure of 1.65-inch scope height above bore, which can't be too far off, and correct for that. I have juggled the figures on each trajectory run to zero at 200 yards, also. The relative impacts then become:

	100 yds. (*Inch*)	*200 yds.*	*300 yds.* (*Inch*)	*400 yds.* (*Inch*)	*500 yds.* (*Inch*)
1. Moffat's .25–'06 117 gr., 53 gr. 4350	1.82	0	−7.57	..	..
2. My .25–'06, 10-inch twist, 100 gr., 51.1 gr. 4064	1.58	0	−4.52	−17.88	..
3. My .25–'06, 14-inch twist, 100 gr., 52 gr. 4064	1.86	0	−5.10	−19.22	..
4. My .25–'06, 14-inch twist, 87 gr. 54.5 gr. 4064	1.52	0	−4.07	−15.97	..
5. My .25–'06, 14-inch twist, 87 gr., 51 gr. 4064	5.80	0	..	..	..
6. .219 Wasp, 55 gr., 31 gr. 4320	1.825	0	−7.825	−23.15	−45.97
7. Lovell Improved Zipper, 55 gr. Sisk, 32 gr. 3031	1.60	0	–?–	−16.48	..
8. Barr's .25 S. M., 100 gr., 56 gr. 4350	1.67	0	−4.87	−18.79	..
9. Barr's .25 S. M., 90 gr., 51 gr. 4064	2.00	0	−4.28	−16.17	−33.44

This table shows at a glance that the high-speed .25's are exceedingly flat shooting, inasmuch as all the loads above are flatter than the factory .220 Swift, with the exception of the Wasp load. It is worthy of note that No. 3 and No. 6 were fired on cold damp days, and that Nos. 2 and 4 on very hot days. No climatic data are available on the others. Don't ask what happened to No. 5! I have no idea where that .25 Stevens trajectory came from, nor why. The groups were fair, but I quit shooting and scrubbed out some lumps of fouling and got no more such antics. I include the load just to show what weird things can happen.

As to whether or not the .25-'06 or any other fast .25 will kill deer, the arguments are endless. The big .25 magnum killed quickly and thoroughly anything it hit. Barr has killed deer with almost too much thoroughness with his Short Magnum. Ray Moss, in Utah, used an Improved Roberts and hit six big deer at over 200 yards and lost three of them, loading the WT&CW 100 grain bullet and plenty of powder. I know him to be a good shot. At least one gun editor seems to swear by the .257 Roberts for deer. Last year Moffat used his .25-'06 and whacked a big four-pointer over the liver with a hard-driven 87 grain bullet at about 200 yards and saw the deer no more. Another time, using the 100 grain Weatherby bullet, he tore off a coyote's front leg at the shoulder, clipped off a hind foot with the second shot, then chased it half a mile and shot it square in the middle again. Even then he had to duck when the coyote tried to jump him before it finally died. Tough dog, huh? Then you have Morgan Pratt and Paul Brabec who have been convinced for years that the .25-'06 was a swell killer.

In summary, I think the .25-'06 family is good, with enough more steam than the .257 Roberts to be worth while (to me!) in spite of being a wildcat. I'm sure I prefer it to any .25 Magnum I've owned or seen. I've heard it said by fellows who may even know what they're talking about that the short stubby cases like the .25 Short Magnum are much harder on the action and locking lugs than long cases like the .25-'06. Somehow it doesn't sound likely, and yet somehow it does. You'll get no bets out of me. Have I learned to hedge! ♣ ♣ ♣

1947 Regional Championships

(*Continued from page 20*)

Sponsored by Utah State Rifle and Pistol Association.

Pistol Tournament: Denver, Colorado, July 18, 19, and 20. Sponsored by Colorado State Rifle Association and the South Platte Chapter Izaak Walton League.

North Dakota; South Dakota; Wyoming; Colorado; Utah; Montana—that portion lying generally east of the line Havre-Livingstone and including all of Plaine Feigns, Wheatland, and Sweet Grass Counties; Idaho—that portion generally south and east of Little Lost River and Lost River Mountains and the Big Camas Prairie, including all of Clarke, Butte, Blaine, Camas, Gooding and Twin Falls Counties; Nebraska—that portion lying generally west of a north-south line drawn through Lincoln and including all of Cedar, Wayne, Stanton, Colfax, Butler, Seward, Saline, and Jefferson Counties; Kansas—that portion lying generally north of the Smoky River and west of the line Norton-Hill City-Wakeeney and including all of Norton, Graham, Trego, Gove, Logan, and Wallace Counties.

Southwestern Region

Rifle Tournament: Tulsa, Oklahoma, July 11, 12, and 13. Sponsored by Magic Empire Association.

Pistol Tournament: Shreveport, Louisiana, July 4, 5, and 6. Sponsored by Louisiana State Rifle and Pistol Association and the Caddo Rifle and Pistol Club.

Arkansas; Louisiana; Oklahoma; Texas; New Mexico; Kansas—except the northeastern area generally east of the Big Blue and north of the Kansas Rivers but including all of Washington, Riley, Wabaunsee, Osage, Franklin, and Miami Counties, including all of Phillips, Rooks, Ellis, Rush, Ness, Lane, Scott, Wichita, and Greeley Counties but excepting the northwestern area lying generally north of the Smoky Hill River and west of the line Norton-Hill City-Wakeeney.

Midwestern Region

Rifle Tournament: Des Moines, Iowa, July 5, and 6. Sponsored by Iowa State Rifle Association, Des Moines Rifle and Pistol Club.

Pistol Tournament: Davenport, Iowa, June 20, 21, and 22. Sponsored by Scott County Sportsmen's Association.

Wisconsin; Michigan—the northern peninsula; Minnesota; Iowa; Missouri; Illinois; Indiana—that portion west of the line South Bend-Indianapolis, Bedford-Tell City and including all of St. Joseph, Marshall, Fulton, Miami, Howard, Tipton, Hamilton, Marion, Johnson, Brown, Monroe, Lawrence, Orange, and Crawford Counties; Kentucky—that portion west of the line Owensboro-Hopkinsville and including all of the Daviess, McLean, Hopkins, and Christian Counties; Kansas—that portion lying generally east of the Big Blue and north of the Kansas Rivers including all of Marshall, Pottawatomie, Shawnee, Douglas, and Johnson Counties; Nebraska—that portion lying generally east of the north-south line drawn through Lincoln, including all of Dixon, Thurston, Cuming, Dodge, Saunders, Lancaster, and Gage Counties.

Eastern Region

Rifle Tournament: Altoona, Pennsylvania, July 4, 5, and 6. Sponsored by Altoona Rifle and Pistol Club.

Pistol Tournament: Quantico, Virginia, July 4, 5, and 6. Sponsored by Virginian's Rifle and Pistol Club.

New Jersey; Delaware; Maryland; District of Columbia; Pennsylvania; New York—west of the general line from Oswego to Binghamton and including all of Cayuga, Tompkins, and Tioga Counties; and all of Virginia and West Virginia.

North Central Region

Rifle Tournament: Mt. Gilead, Ohio, July 12 and 13. Sponsored by Ohio State Rifle and Pistol Association.

Pistol Tournament: Jackson, Michigan, July 19 and 20. Sponsored by Jackson Police, Ann Arbor Police, and Detroit Police Pistol Clubs.

Ohio; Indiana—that portion lying generally east of a line South Bend-Indianapolis, Bedford-Tell City and including all of Elkhart, Kosciusko, Wabash, Grant, Madison, Hancock, Shelby, Bartholomew, Jackson, Washington, and Harrison Counties; Kentucky—that portion lying generally east of the line Owensboro-Hopkinsville and including all of Hancock, Ohio, Muhlenberg, and Todd Counties; Michigan—southern peninsula only.

Southeastern Region

Rifle Tournament: Knoxville, Tennessee, July 19 and 20. Sponsored by Volunteer Rifle and Pistol Club, Knoxville, Tennessee.

Pistol Tournament: Jacksonville, Florida, June 26, 27, 28, and 29. Sponsored by Duval Pistol Club.

Tennessee; North Carolina; South Carolina; Georgia; Alabama; Mississippi; Florida.

Northeastern Region

Rifle Tournament: Middlefield, Connecticut, July 11, 12, and 13. Sponsored by Connecticut State Rifle and Revolver Association, Inc.

Pistol Tournament: Albany, New York, June 28 and 29. Sponsored by New York Central A. A. Rifle and Pistol Club, Albany, New York.

Maine; Vermont; New Hampshire; Massachusetts; Rhode Island; Connecticut; New York—that portion south and east of the St. Lawrence River and a line drawn from Oswego to Binghamton, including all of Oswego, Onondaga, Cortland, and Broome Counties and all of Long Island.

(Up-to-the-minute information on the Regional Tournaments will be published as it becomes available in the Tournament News sent to all classified competitors.)

Sam Colt's Repeating Pistol

(*Continued from page 25*)

been presented to the War Department by a Mr. Leavitt which is an infringement on my Patent rights and which if ordered by that Department will be doing me great injustice.

The merits of the arm in question I learn are soon to be tested in competition with my own before a board of officers of the Army appointed for that purpose. The fear that I have for a long time entertained that there exists a strong prejudice against my inventions by some of the officers of the Ordnance Department induces me to appeal to you for a fair hearing and to request as an act of justice to myself (who has spent twelve years of my life in perfecting my invention) that should there be a board of officers appointed to test the relative merits of these arms regardless of my Patent claims that said board of officers shall be selected from among gentlemen who have had experience and been familiar with the use of my improvements in Mexico and from among those officers who it is intended shall command the troops hereafter to use repeating firearms if adopted more generally in the service. And I desire to be informed as to the time and place of said trial with permission to be present at the same.

I have the honor to be,
Very respectfully, Sir,
Your Obt. Servt.
Saml. Colt.

[To]
His Excellency
James K. Polk
Prest U. S.

Sam's worst fears were not realized. He finally had a good, substantial handgun, one that was to make his reputation. The Board gave a unanimous verdict in his favor (". . . Colt's revolving pistol is better adapted to the service of mounted troops than any other repeating pistol offered to their notice. . . .") and a few years later Colt won an infringement suit against the Leavitt revolver, stopping its manufacture. When the Civil War came, the Colt Repeating Fire Arms Manufacturing Company had one of the best equipped arms plants in the world. History put its OK on the Colt. ♦ ♦ ♦

CITIZENS IN ARMS

(*Continued from page* 10)

level of Red Army marksmanship degenerated as the war progressed. Besides, as the greatest producer of ground armament in history (in World War II it considerably outclassed the U. S. in production of artillery and small arms), the Soviet Union could permit its Red Army to substitute quantity for quality of fire when necessary. To this end it afforded normal Red infantry units armament which gave them considerably greater fire power than their U. S. counterparts. Techniques like marching fire—the promiscuous spraying of likely cover which U. S. forces worked out in France—was, therefore, old hat to the Red Army by 1944.

In spite of this vogue of landscape spraying as especially promoted by the advent of the PPSh (*pay-pay-shaw*) tommy gun in 1942, the Red Army snipers managed to maintain the standards of their trade. From the start of the war their marksmanship was as outstanding as was their cunning and field craft. That this should be so was natural. Many members of sniper teams were professional hunters and trappers from the northern *taiga*. Those who lacked this professional background had absorbed much of it from contact with professionals during Osoaviakhim summer camp vacations.

The impact of the Osoaviakhim-trained marksmen (and women) upon ground warfare is best illustrated by the quick reaction of the German Army. The latter was much impressed by Soviet sniping. It immediately attempted to introduce the art into the German Army on a very broad basis. One man in each infantry *gruppe* (squad) got a picked *Kar. 98k* fitted with the cheap Z.F. 41 telescope as soon as issue could be effected. Better scopes were made available for good snipers. But the Germans could never make up for the fourteen years during which the Osoaviakhim had been building up a backlog of snipers for the Red Army. (In view of these developments, it is shocking to think that as late as 1943 the U. S. Army was still developing a standard rifle telescope, and to realize that today, in spite of German and Soviet experience, sniping is little recognized in the U. S. as a basic infantry tactic.)

Of greater importance than military snipers to the war's progress were the Soviet peoples whom the Germans and their satellites had overrun. Although usually isolated from the main Red Army forces, these people in the main knew just what to do. After studying the results of partisan warfare in the Napoleonic invasion and during the Russian Civil Wars, the Red Army had built up partisan warfare into a science. No other major national army has yet followed the Soviet lead, although even a cursory reading of German Army historical material is sufficient to establish the great value of partisan war. But the Red Army had prepared both the regulars and the reserves to work with the citizenry in highly developed warfare behind the enemy lines.

GARRETT UNDERHILL is a long-time member of the staff of Life magazine. He will be remembered for previous studies of the Russian Army in THE AMERICAN RIFLEMAN *(August and September, 1941) and in* The Infantry Journal, *and for the weapons, uniforms, and insignia portions of the Army booklet* Our Red Army Ally. *During the war, Underhill spent three years with the War Department General Staff.*

Because of prior training and preparation, contact with regular forces was usually established fairly soon after an area was overrun. Since the stretches occupied by the Axis forces were of vast extent, it was often possible to establish contact not just by air, but by ground travel. Thus, numerous partisan detachments of all sizes were supplied, properly officered and manned, and organized into a more or less cohesive effort. Although some partisan groups were small and operated on a semibandit scale like the Spanish guerrillas in Hemingway's *For Whom The Bell Tolls*, others were large. Some even had their own cavalry, artillery, and antitank units. Because many of the encircled regular Red Army forces broke or filtered out to join the local partisans, not a few units partook of a very military character. All benefited and acted upon the theory and technique built up by years of prewar study and experimentation.

What such partisans can do is perhaps best illustrated by an example nearer home than the Soviet Union. In the Yugoslavia-Albania area, where the partisans built up from scratch, as many as seventeen to twenty German divisions were kept busy during 1943 and 1944. The highest claim for the Italian Campaign—and this figure includes divisions resting in North Italy—is that it kept twenty-six German divisions from Russia and the Normandy front. Of course, the German divisions actually fighting in Italy included valuable armored and motorized units. The specially adapted divisions used against the partisans may not have had such equipment, but they nevertheless absorbed Axis manpower. And from the fall of 1943 on, manpower was as vital to the Axis as material.

The war record of the Soviet peoples has fully justified ultimate Soviet reliance upon the people-in-arms as a backstop as well as a reservoir of manpower for regular forces. While the weight that the regular Red Army pulled in the crisis of 1941 cannot easily be assayed, there can be no doubt but that the land and the people played no small role in assisting those regular forces. In the overall, the degree of preparation achieved by the Soviet Union turned the people-in-arms concept into a reality. The Soviets achieved the state of total war mobilization about which others, including Americans, have talked for decades. This achievement made it possible for Soviet land forces to do to the great German Army what the RAF had previously done to the *Luftwaffe*—to stop a hitherto invincible force dead in its tracks.

Soviet war theory in the atomic age is still forming. However, there is every indication that reliance is still placed upon the people-in-arms theory. Soviet reasoning is simple. If scientific annihilation weapons are used by nations mutually to destroy each other's industrial centers and massed pools of skilled labor, after the initial cataclysm there will yet remain in all probability some millions of people dispersed throughout the countryside. Some thinkers contend that the loss of tens of millions in cities will break the survivors' will to fight. This may prove true, but if their will remains unbroken, the survivors can carry on the war with bows and arrows—or with local stocks of small arms and ammunition. And when the fissionable material and the plants that make it are gone, such weapons will be good enough.

But it is more likely that the Soviet military theorists don't believe that the weapons of annihilation warfare can be regarded as useful tools of military policy. They seem to believe that wars are started by aggressors not as suicidal ventures,

but in order to win with profit. This reasoning holds that future attacks on the Soviet Union will be launched by aggressors who, like the Germans, have confidence that their technological superiority will make possible a successful blitz. Such aggressors will feel that recourse to annihilation weapons will probably be unnecessary and certainly undesirable, since it may bring reprisal.

Stalin, then, in stating his feeling that the atom bomb is not as decisive a weapon as some think it, may be far from impractical. As an old revolutionary, he knows the foibles of ambitious men and men in power. He knows that as long as other powers maintain conventional forces which scientific warfare seemingly renders foolish, there is a good chance that other national leaders in their subconscious mind must intend to keep war as an instrument of policy. Because they still want to use war as a means to a profitable end, these men will abstain at least initially from weapons that make it impossible for *anybody* to win. Under the circumstances, it is evident that the Soviet Union's defense is to be prepared for all eventualities.

That Soviet defense still places great reliance upon the people-in-arms concept is indicated by the very ambitious Soviet postwar sporting arms program. In January, 1946, the Osoaviakhim announced that the Soviet objective in this sphere was not only to aim for the world's best marksmen with rifle and shotgun, but to produce in mass a line of sporting and military weapons that would equal the best factory-produced arms in the world.

This attention to civilian marksmanship is merely a reflection of Red Army policy. Before the war was fairly over, Red Army small-arms experts were discussing publicly the changes in weapons which the war had rendered desirable. Although introduced as late as 1940 and officially rated as the sixth Russian semiautomatic or machine rifle since 1916, the present Tokarev semiautomatic rifle is known to be up for change or replacement. Already, less than two years after V-J Day, the other basic Red infantry arm—the "DP" light machine gun—has been replaced by a new model, although Degtyarev's original of 1927 was improved as late as 1944.

The Red Army itself is going great guns in rifle competition. Although Red Army teams haven't recently had a chance to shoot against foreigners, they are confident that they are already sufficiently skilled to clean up. A Red Army team which uses the standard manually operated Model 1891/30 Mossin-Nagant rifle already claims the record for the type of international military match that has been held in Europe since the 1870's. Captain Onisimov claims the world's championship for the individual record at 300 meters by a comfortable margin. (Interestingly, the previous record holders in this type of competition were Finns.) All in all, Soviet riflemen claim fifteen out of what they term thirty-six registered and internationally recognized records.

Nearly all Soviet workers, men and women, receive Osoaviakhim training. These Odessa factory workers are both rated as "Voroshilov sharpshooters"

Using very sound psychology, the Osoaviakhim and the Red Army are promoting enthusiasm for their new marksmanship program as if they were whipping up the people for a new Stalingrad. Says ZA OBORONU (*For Defense*)—the Osoaviakhim fortnightly:

"In the struggle for the championship of the world not only will our riflemen take part, but also our armorers, machinists, and scientific designers—and that means not only those of government institutions, but also those belonging to the various clubs."

Nor have the Soviet bureaucrats any ideas of hogging all the work and the credit and so discouraging popular interest in development. When the Osoaviakhim sounded the clarion call for sporting arms, early in 1946, all "masters of the shooting sport"—the top grade of riflemen—were urged to air their views on design.

Pending the delivery of postwar models and of improved prewar rifles, the Osoaviakhim has appealed to all members to assist in collecting captured materiel for temporary sporting use. Immense numbers of such arms have already been collected. During the war the Osoaviakhim organizations had as a part of their war task the clearing of battlefields. Besides removing mines and unexploded shells, bombs, and grenades, they aided in salvaging whatever arms the enemy left on the field. Since the Red Army defeated the major part of the ground forces of Germany, Hungary, Rumania, Finland, and Slovakia, and some eleven Italian divisions, the battle trophy toll was enormous. Too often, the salvaged small-arms materiel had little military value. Nevertheless, enough 7.9 mm. arms and ammunition were amassed to arm a very respectable army.

The measure of Soviet reliance upon riflemen is to be gauged by the Soviet intent not to use captured arms as more than stopgaps. In spite of severe consumer goods shortages, and in the face of the industrial requirements for preparation for scientific war, Soviet planners are going right ahead in their program to produce their own .22's and 7.62 mm. rifles—rifles built to their taste.

Division of Germany into zones was a stroke of luck for the postwar Soviet small-arms industry. The entire Suhl Valley fell under Red Army control. There, untouched by bombing, and only slightly damaged by pre-occupation sabotage, are the Walther works, famous for the *P.38* pistol, and the *Gew.41 (W)* and *Kar.43* rifles. There also is the Gustaloff plant, and the Haenel firm where Hugo Schmeisser of burp gun fame worked. In this area exist scientific facilities for the development and testing of small arms such as U. S. and British experts had never seen. Hitler demanded war before German forces could capitalize upon these installations. It seems hardly possible that the Soviets will fail to exploit them to the fullest.

Official facilities and encouragement will make it relatively easy for expert Soviet riflemen to perfect their art. Rifle ranges are convenient to towns and cities. The Mitsche

range—the Soviet Camp Perry—is only some fifteen miles from Moscow. Once men and women have done well, they are invited to attend summer sniper camps, like those at Rostov in the south. There they get free vacations, free ammunition, and a chance to pass the time with other shooting enthusiasts. Naturally when clubs like the Dynamo and Spartacus outfits compete, there is free travel for competitors to and from the matches. The top-rating men and women—"masters" like Lukin, Zhgutov, Voroshnin, and Gaage—even have the privilege of ordering rifles made to their taste at government armories.

Soviet marksmen take their business very seriously. They are to the Americans as the Americans are to the British. In other words, they go in for a sport with a vengeance. They say that the great "masters of the shooting sport" are made, not born. They contend that only by hours—note that hours is the word used—of *daily* practice are first-rate marksmen to maintain their ratings.

Postwar Soviet faith in wide-scale civilian and military small-arms programs is of deep significance. Since even the greatest of nations cannot afford to allot time and materials to cover adequately every type of warfare, continued Soviet interest in the people-in-arms concept seems to mean just one thing: That Soviet military policy for some time to come will be essentially defensive in character. Soviet riflemen who are prepared to defend every village and town in what used to be the traditional American manner aren't fit material for the airborne blitz or for push-button war. So long as hundreds of thousands of men and thousands of factory hours are tied up at this crucial time in Osoaviakhim programs, it is most unlikely that Soviet leaders will be seeking an opening for the blitz.

Continued Soviet faith in the rifleman as the basis of a people-in-arms contrasts strongly with both popular and official attitudes toward defense within the United States. The United States, ordinarily committed to belief in the worth of the individual, is almost wholly given up to the worship of material defense factors. Americans seem to believe that push-button war will settle the fate of everybody and everything without anybody but a few scientists and technicians taking action.

Perhaps for its own good the U. S. ought to take note of Soviet theory and action. Soviet war theorists have a truly remarkable record for sound pioneering. They were the first to introduce airborne troops in mass; they had heavy tanks more than a decade before the U. S. recognized their value—and six years before the Germans. Their tank armament has always been the heaviest in the world; during the war it was to the German as the German was to the U. S. The Red Army had rockets for use in mass while the U. S. Army and Navy were telling OSRD that they saw no field for a rocket outside of its use as a booster for armor-piercing bombs. Soviet tank-borne infantry rode T-26's for years before the first U. S. tank-borne doughfoot school was founded on the Anzio beachhead. Besides partisan warfare—not yet touched by U. S. military men—Soviet theorists pioneered winter and Arctic war. The list of Soviet developments which have become standard in war is fantastic.

Against this record of original thought, U. S. military authorities appear badly outclassed. A National Rifle Association program published under the title "Practical Home Guard Organization" at the time the National Guard was called into

Shooting practice for workers of the Krasny Treugolnik factory in Leningrad. Rifles are TOZ-8's. Newer models have Lyman-type receiver sights

Federal service outlined in detail a practical "people-in-arms" plan for the defense of the American countryside and cities. It was adopted in only two states, Maryland and Virginia. A similar plan was put into effect in Saskatchewan. Our other states either went through the war with no home defense units or attempted to follow the old familiar plan of National Guard organization without the training, arms, transportation, or communications equipment essential to the efficient operation of such military organizations. Fortunately no invader landed on our shores but that could not be foreseen at the time our old-line military minds turned thumbs-down on the NRA's well conceived plan. Most of the war innovations to which our military can lay claim are more the result of exploitation of American technological advantages than they are products of simple, incisive reasoning. And indeed, it is questionable whether the two most outstanding U. S. innovations are desirable. Scientific annihilation warfare (headed by the A-bomb—a civilian promoted project) and strategic bombing still have to find justification in history. For the havoc wreaked in Japan and in Germany by HE, by incendiaries, and by A-bombs may have helped win the war, but it seems to be losing America the peace.

Until the minutest data can be assembled to prove otherwise, it would appear sensible to give serious thought to the Soviet plans for defense. Perhaps, if the U. S. fails to prepare resistance of a people-in-arms on the Soviet scale, lack of all-out defense will bring about what the alarmists most fear. The cries of warning about an inevitable Soviet blitz might bring about a preventative war because the U. S. people themselves are unready for total war. Just as the policeman who has a gun but has never been taught to use it is more likely to start shooting unnecessarily than is the policeman who knows how to shoot and is calmly confident of his ability to handle any situation which confronts him. And the people are unready; more than a century and a half has passed since a musket hung over the mantel in the average American home. Increasingly hemmed in by restrictive legislation and by the rising cost of firearms and ammunition, the American people at large have no more chance of resisting invasion—or of making occupation unprofitable—than have the French. ♦ ♦ ♦

The Old Coach

THE RIFLES WE USE

DID YOU EVER SHOOT a possible offhand? Well, neither did I. However, as reported in the April issue of THE AMERICAN RIFLEMAN, Charles C. Barros, Jr., turned the trick at seventy-five feet. What is more important, he shot the score with a "medium-priced" rifle. I don't know the make of the rifle Barros used; the interesting thing is that he accomplished what too many think cannot be done. He hit the top with a small-bore rifle that wasn't a Winchester 52 or a Remington 37.

Now your Old Coach is no idol smasher—he hates that breed, yet it is a smart idea to recognize the fact that the majority of American riflemen drive medium-priced cars, wear medium-priced hats and shoes, sleep on medium-priced mattresses, and shoot medium-priced deer and small-bore rifles. In truth, if it were not for these "medium price" fellows the membership of the NRA and affiliated clubs would not be at its all-time high. Therefore, why keep kidding ourselves with the prevalent idea that any rifle less than one of the Big Two is no good?

Recently Colonel Whelen remarked in a magazine article that for serious, championship small-bore match shooting just two rifles are to be considered, either a Remington 37 or a Winchester 52. He stated also that such rifles as the Winchester 75, Remington 513, Stevens 416, Mossberg 44, and the like are all good sound rifles, but that they do not have the stuff in them to compete with the Big Two in that final championship X-ring drive. All of which is probably true, but regardless of how good the Big Two are, because of the low supply of the white beans of commerce, the average fellow can't afford one of them. From necessity he shoots one of the other lot, which really isn't such a terrible hardship, according to Charles Barros, Jr. In fact, for the average guy like me, and you maybe, one of the "medium-price" rifles will do just as well because old Mother Nature apparently just didn't intend every rifleman to be a potential Wayne Moore or a Charles Barros.

But the sad day comes when, just because this average fellow's score is not quite up with that of some other shooter who has a 37 or a 52, he is led to believe that his lower score is due entirely to the "medium-priced" rifle he is shooting. Not long ago I heard of a young fellow whose pet rifle was neither of the Big Two. He had faced a flood of this sort of discouraging prattle. He had lost all confidence in his rifle and was on the verge of quitting the game. Fortunately one of those big-hearted, sympathetic fellows—usually there is one in every club—got that rifle and test fired it. The groups he got proved it to be very accurate, whereat the discouraged owner was saved to the game. Now your Old Coach is one human being who is opposed to discouraging remarks about the other fellow's gun. This small-bore game is far too fine a sport to permit such talk to force some of our club members from the firing line because they happen to lack the income from a good oil well. Being an honest and fair club member is more important than what model rifle you shoot, and keeping up member interest and enthusiasm in the sport is more important than replacing a Stevens 416 with a Winchester 52.

Even handicap systems give no consideration to the equipment being used by the individual member. Under it a fellow shooting one of the Big Two rifles, backed up with other high-priced equipment, and benefiting by a nice handicap could be satisfied and not try too hard to develop the possibilities of his fine outfit. Now, if the handicap were placed upon the rifle instead of the shooter, the owner of the fine rifle would have to make that rifle talk or else. An idea toward such a possible system of handicapping came to me recently while listening to an old trotting horse enthusiast explain how in trotting horse races the handicap is placed upon the horse, not the driver. If the 37 and 52 are really several points better than the "medium-priced" rifles, why shouldn't the handicap be placed on the rifle, as on the horse, rather than on the shooter? For instance, every 52 and 37 entered in a match would automatically be handicapped, let's say two points for the 100-yard and one point for the fifty-yard stage of the Dewar, to the benefit of such rifles as the Winchester 75, Stevens 416 and the like. Under such a system it would be up to the shooter to make his handicapped rifle perform, just as it is up to the driver to make the handicapped horse do its stuff.

Make it any number of points that will more or less even matters up so as to give the owner of the "medium-priced" rifle a fair chance. Under some such system the boy with a Mossberg 44 would bust a sling strap in his effort to make that three- or five-point addition to his score bring home the bacon. It's my guess that in actual practice some modifications would have to be made for the simple reason that there are many top shooters who can beat most fellows with any old good rifle, but the more the idea is considered the better it seems to be.

To repeat, our mission as club riflemen is to create more riflemen that won't quibble over the kind of rifle or shooting coat the other member uses. This is rifle shooting in which each individual must play the game, not a football game at which 100,000 yell and freeze while twenty-two strain and sweat. For you fellows with doctor's bills, overdue rent and taxes, a schoolteacher's salary, and a family of two or three blessed little hopefuls dreaming of Santa, your Old Coach knows how even the price of one little box of ammo cuts into the weekly pay check. You ain't tellin' me, but I am telling you to shoot the best rifle you can afford to pay for. If this rifle happens to be a Stevens Walnut Hill 417 or any one of the fine single-shot custom jobs on Ballard, Stevens, or Winchester actions, don't let anybody kid you. These rifles are all first class, and can mean tough competition in anybody's company. Belong to a club above all things but don't pay too much attention to the jabs at your rifle by unthinking fellow members who happen to own a 52 or a 37. Maybe these "medium-priced" rifles do not have that last microscopic championship-winning X-ring in them, but most decidedly they do have a whale of a lot of bullseyes stored away for you to dig out. So, regardless of what rifle you shoot, keep faith in it, page Charles Barros, feed it its favorite ammo, and above all else take seriously what Theodore Roosevelt said: "It is the man behind the gun that counts." ♦ ♦ ♦

POWDER SMOKE: THE NEWS DESK .. READERS COMMENTS

DCM WILL ISSUE GARANDS

Changes in AR 850-100 have been approved, and will soon be in effect, which will permit the issue of a minimum of four M1 (Garand) rifles to each rifle club on the DCM list. The rifles will not be issued automatically but must be requested by each club desiring them.

With the M1's each club will receive a copy of FM 23-5. Careful study of this official manual of the Garand is recommended. Issue cleaning and lubricating material will be sent with each Garand also. At this time no Garands are for sale.

Through the courtesy of the Signal Corps, the DCM is again able to sell new EE-2 field telephones to its member clubs. The price is $39.90 per instrument, or $79.80 a pair.

An effort is being made to determine if purchases of this item can be made to advantage elsewhere. If so, notice will be published.

When you receive a rifle from the DCM inspect it thoroughly for defects immediately upon its arrival. The Ordnance Department will replace a defective piece in kind if it is reported to the Arsenal within 30 days of receipt. Recently several Enfields, especially Eddystones, have been found with cracked receivers. Therefore, it is suggested that the stock be removed to expose the entire receiver ring for inspection. If a rifle has been altered or used except for normal initial firing to determine its functioning and serviceability, replacement will not be made.

Except the M1903A3 all rifles for sale are reconditioned rifles. The M1917 rifles may be of Eddystone, Remington, or Winchester manufacture. No selection among these will be made for purchasers. Likewise Springfields may have Springfield, Rock Island, or Remington receivers.

NATIONAL RIFLE ASSOCIATION:

Headquarters Staff

MAJ. GEN. M. A. RECKORD, *Vice-President and Treasurer*
C. B. LISTER.....*Secretary and Exec. Director*
L. Q. BRADLEY..*Asst. Treasurer and Membership*
J. R. LENT
F. L. WYMAN..*Asst. Secretary and Club Activities*
F. C. DANIEL T. W. CHILD
GEORGE KUCH J. H. FAUNTLEROY
C. R. ROGERS
MAJ. GEN. J. S. HATCHER, *Asst. Secretary and Technical*
EDWARDS BROWN, JR. J. L. MURPHY
A. H. BARR J. S. ROSE
B. J. STANN.....*Public Relations*
P. B. CARDINAL
JOHN SCOFIELD.....*American Rifleman*
J. A. HARPER R. L. REISH
E. M. CHASE.....*Cashier*
L. F. THIEL.....*Librarian*

Field Representatives

Southwestern.....Ray Whitaker
310 Tuloma Bldg.
Tulsa, Oklahoma
Midwestern.....Dow Smith
Orpheum Theatre Bldg.
Elkhart, Indiana
Southeastern.....Fred Molt
P. O. Box 7466
125½ College St.
Asheville, N. C.
Washington Metropolitan..C. L. Floyd
1600 Rhode Island Ave., N. W.
Washington, D. C.
Far Southwestern.....Lee Echols
Medico-Dental Bldg., Room 101
3rd & A Streets
San Diego, Calif.
Northeastern.....E. F. Bridgman
Room 408
175 State Street
Springfield, Mass.
North Central.....S. R. Hinds
816 Pence Bldg.
8th & Hennepin
Minneapolis, Minn.

Executive Committee

Col. F. W. Parker, Jr.....Chicago, Ill.
(President, NRA)
Maj. Gen. M. A. Reckord.....Baltimore, Md.
(Vice-President and Treasurer)
Mr. C. B. Lister.....Washington, D. C.
(Secretary and Executive Director)
Mr. J. W. Woolrey .....Canon City, Colorado
Mr. Raymond C. Bracken.....Columbus, Ohio
Mr. Fred C. Mills.....New York, N. Y.
Mr. E. N. Littleton.....Bowling Green, Ohio
Mr. Seth Gordon.....Harrisburg, Pa.
Col. T. F. Wessels.....DCM
Rear Adm. M. C. Mumma, Retd.....Va.
Lt. General Julian Smith, Retd.....USMC
Dr. E. O. Swanson.....Minneapolis, Minn.
Brig. General M. A. Edson.....USMC
Mr. Harry C. Linn.....Des Moines, Iowa
Mr. J. A. Lafore.....Philadelphia, Pa.

Executive Council

Brig. Gen. F. M. Waterbury.....New York, N. Y.
Brig. Gen. Benedict Crowell....Washington, D. C.
Mr. Karl T. Frederick.....New York, N. Y.
Mr. Gustavus D. Pope.....Detroit, Mich.
Brig. Gen. L. W. T. Waller.....USMCR
Colonel N. C. Nash.....Boston, Mass.
Judge Hilliard Comstock.....Santa Rosa, Cal.
Colonel F. C. Endicott.....Washington, D. C.
Comdr. Thurman Randle.....Dallas, Tex.

TUFTS COLLEGE ARMS COLLECTION

The Victor A. Friend Arms Collection, covering the various types of firearms from matchlocks to guns of World War I, was recently opened to the public at Tufts College, Medford, Mass. It includes several scarce pieces and a number of items of historic value.

This collection was made by Mr. Friend over a period of forty-five years and presented to Dr. Carmichael, President of Tufts, a short time ago.

COLDEN BULLET AWARD WINNERS

Six members of the University of Maryland rifle team were among the 20 collegiate shooters selected last month for the 1947 All-American first and second rifle teams. Three of the five-man Maryland team, which won the 1947 National Intercollegiate Rifle Team Championship this spring, Arthur E. Cook, Walter W. Bowling, and Emanuel Bruguglio, were awarded Golden Bullets for ranking first, eighth, and tenth, on the All-American first team. Joseph M. Decker and Jack E. Wesson, members of Maryland's intercollegiate championship team and Hilton L. Carter, another member of the Maryland Rifle Club, placed third, fifth, and seventh on the All-American second team.

The ranking man selected for a Golden Bullet award was Arthur E. Cook, of the University of Maryland. Last year Cook won the National Junior Rifle Championship at the National Matches, Camp Perry, Ohio. Nineteen this year and a freshman engineering student, Cook has achieved his place on the All-American team with the highest rating of any All-American selection, 289.07.

Amos Clark Mathews, 19, in his second year at the U. S. Military Academy at West Point, N. Y., was the second ranking man on the Golden Bullets' team. Also a member of the Academy pistol team, Mathews holds the USMA shoulder-to-shoulder record of 291, which he fired in the intercollegiate team match. His All-American rating is 282.5.

Third ranking man on the All-American first team is Edgar H. Ebdon, Jr., 22, of Rutgers University. Ebdon, a junior, captained this year's rifle team. His rating is 281.63.

Charles A. Rogler, 19, a sophomore at the University of Iowa is fourth ranking member of the All-American team. Active in swimming, tennis, and basketball, as well as rifle shooting, Rogler first came into prominence in the shooting game at the age of 12, when he won the Puerto Rican Rifle Championship. Last year, as a freshman, Rogler scored 292 to win the National Collegiate Individual Championship postal match. Rogler's All-American rating is 280.25.

Arne Johan Soreng, 20, of the U. S. Coast Guard Academy is the only man on the All-American team from a military school beside Mathews of West Point. He is ranked fifth among Golden Bullet award winners with a rating of 280.15.

The sixth ranking man awarded a Golden Bullet this year is George W. Martin, 20, a freshman at Ohio State University. Martin's Gold Bullet rating is 279.85.

Frederick W. Cole, Jr., 25, a junior at Columbia University, was ranked seventh on the All-American rifle team. Cole is and has been an active small-bore shooter in the New York area. For three years Cole fired on the Xavier High School Rifle Team, and in 1940 he was winner of the Hearst Trophy. He is Captain of the Columbia Rifle Team this year.

The second University of Maryland shooter to place on the All-American rifle team is 20-year-old Walter W. Bowling. A junior, Bowling won the National Intercollegiate Individual Championship this year with a score of 287. His eighth-ranking rating is 279.5.

Gerald W. Eckhardt, 22, who ranks ninth on the All-American team, captained the University of Iowa Rifle Team this year. A junior, Eckhardt was a member of his high school rifle team for three years. He is a letter man in track at Iowa. Eckhardt's Golden Bullet rating is 279.5.

Emanuel Bruguglio, 20, is the third man from the University of Maryland intercollegiate championship rifle team to make All-American this year. His Golden Bullet rating of 279.15 ranks him tenth on the All-American team.

Collegiate rifle shooters who placed on the

What do YOU want, Mr. Shooter?

(Mauser conversions shown — same jobs done on Springfields and Enfields)

START THINKING ABOUT THAT FALL HUNT *NOW!*

Want a low-priced but safe and powerful hunting rifle in an original military caliber — a superbly accurate, completely rebuilt target sporter-weight weapon in one of the popular American hunting calibers — or a featherweight arm that gives plenty of power and accuracy for all kinds of American game at a weight of seven pounds or less?

We can do all these jobs, and many others (some as low as $18.00) on your military rifle (Springfields, Enfields, and Mausers our specialty), as well as **rebluing, $8.50 to $10.00,** fitting sights and general gunsmithing work.

Send us your rifle for an estimate on the job you want — or write for our new 1947 16-page catalog — it's free.

JOHNSON AUTOMATICS CUSTOM GUN DEPARTMENT
Dept. R-6, Providence 1, R. I.

'SCOPE SPOT
DOT RETICULE for any 'scope. Perfectly round, accurately sized, exceptional strength. Optical Laboratory hard coating, tungsten cross hairs, scopes, mounts, Litschert attachments. FREE FOLDER.
T. W. STEIN 854 S. Washington BUTTE, MONTANA

GUN BOOKS
OLD and NEW
Any book that is advertised or reviewed in THE AMERICAN RIFLEMAN—also many hard-to-find titles. No advance in price.
RAY RILING—*Arms Collector Service*
6844 Gorsten St., Philadelphia 19, Pa.

TEXAS ★ MILITARY COLLEGE
- High School and Junior College
- Small Classes; Individual Attention
- Nightly Tutoring by Qualified Instructors
- Athletics for All

Catalog & viewbook on request.
COMMANDANT, 40 Stonewall Jackson Drive, Terrell, Texas

ATTENTION
GUNSMITHS—DEALERS—FELLOW SHOOTERS
Why take chances? Have your bluing done in a shop specializing in this exacting work. Prompt delivery. *Special* discount to dealers and gunsmiths. Write to
J. A. WINGERT
124 W. 2nd St. Waynesboro, Pa.

All-American second team will receive certificates of their achievement. Those selected to comprise this team are:

Robert C. Taylor, U. S. Coast Guard Academy
Kenneth L. Yount, Pennsylvania State College
Joseph M. Decker, University of Maryland
William W. Voelkers, University of Iowa
Jack E. Wesson, University of Maryland
James W. Morrison, Carnegie Tech
Hilton L. Carter, University of Maryland
Stanley C. Smock, Massachusetts Institute of Technology
Richard L. Horsch, University of Wyoming
Frank M. Sawyer, University of California.

AUSTIN HIGH TEAM WINS NATIONAL JUNIOR TITLE

A team of four young expert riflemen of the Austin High School, El Paso, Texas, fired a score of 734 to top the field of nearly 300 junior teams in the first annual NRA Junior National Shoulder-to-Shoulder Rifle Tournament fired April 26. Each team member fired ten shots prone and ten shots standing at 50 feet. The members of the winning team, who gained possession of the coveted Alamo Trophy, were Jack Parks (98 prone, 84 standing), Lawrence Scott (99 prone, 79 standing), Harold Corning (100 prone, 89 standing), and James Lee (98 prone, 86 standing). In addition to top honors in open team competition the Austin High shooters were also high in the Nonmilitary School Division.

Second place in the national ranking went to the South High School team of Denver, Colorado, for their 732 score. Xavier High School of New York City topped all other teams in the Military School Division with a score of 727 which placed them third in the "open" competition. Winning the Nonscholastic Division was the team representing the Detroit Edison Junior Rifle Club of Detroit, Michigan, scoring 717. Among the Girls' Teams the Oakmont High School had a commanding lead with their score of 704. The Glendale VFW Post 3075 of Seattle, Washington, fired a score of 714, topping all other contenders for awards offered by the Veterans of Foreign Wars to teams sponsored by VFW units.

Individual honors, and possession of the General Daniel Morgan Trophy, went to Jack Busse, a member of the Jamaica High School Club of Long Island, who fired a perfect 100 prone and a 91 standing to win over several thousand other junior riflemen. Second place in the individual competition was won by Carrell Bennet, Boy Scout Troop 322 Junior Rifle Club of Vancouver, Washington, who fired 95 prone and 94 standing. Third place in the "open" individual match, as well as highest honors among all the feminine shooters, went to Miss Lorraine Barns, of the Oakmont, Pa., American Legion Junior Rifle Club for her 99 prone and 89 standing. In the Girls' Division, second and third places went to two of Miss Barns' Oakmont neighbors, Janet Neal and Carol Bermont of the Oakmont High School, who scored 184 and 183 respectively. Leading the shooters competing for special VFW individual honors was Walter Irvin of the Fort Bayard, New Mexico, Post with 181. Second and third places went to Frank Young of Glendale Post 3075, Seattle, Washington, and Richard Redfield of the Kalispell, Montana, VFW Junior Rifle Club, each firing scores of 180.

The SPOTTING SCOPE
With RAY STANN

Credit the Marine Corps with a big assist in the scheduling of the National Matches at Camp Perry again this year . . . General A. A. Vandegrift, Marine Commandant, OK'd the arrangement which will see Leathernecks operating the matches for the first time in history . . . The NRA definitely will send a team to compete in the World Championships of the International Shooting Union at Stockholm, Sweden, this August . . . but qualifications of the six U. S. representatives will be prodigious . . . requiring championship abilities with big bore and small bore rifles—and pistols.

☆ ☆ ☆

The NRA attempt to study hunting accident causes through individual state reports failed . . . Reason: Only one state, West Virginia, offers a complete statistical breakdown giving type of weapon, range, season, etc. . . . while 30 could not even supply a statistical breakdown between fatal and nonfatal accidents . . . Seems to us that before you can remedy a problem (if such it is) you must find out what the problem is and what the causes are . . . But hats off to Pennsylvania Game Commission's safety program which in 1946 substantially reduced the number of hunting field fatalities there, and which is being further intensified this year.

☆ ☆ ☆

Our vote for finest example of public service by a newspaper goes to Buffalo (N. Y.) *Courier-Express* which said editorially after a West Seneca boy was killed in a firearms accident that the way to prevent recurrences "would be to get together all the youths in West Seneca who own rifles, give them expert instruction, encourage them to shoot under proper guidance, and provide them with a place to do it. We feel sure that members of shooting clubs in the Buffalo area would be glad to volunteer their services in such a project." . . . NRA Fieldman Ed Bridgman followed this up and the resulting co-ordination between the *Courier-Express*, Boy Scouts, and Erie County Youth Bureau led to a plan which will train some 20,000 Erie County youths in use of firearms this summer . . . Other sections please copy.

☆ ☆ ☆

Further east, Massachusetts youngsters were crestfallen recently when the House of Delegates outlawed the beanblower as a "dangerous weapon" . . . sighed with relief a few weeks later when the House reconsidered its action and approved their use for another year.

☆ ☆ ☆

Man Bites Dog Department . . . In San Francisco two would-be bandits entered a store, laid down a five-dollar bill, asked for cigarettes . . . then told Grocer Joe Williams that, "This is a stick-up." . . . Williams calmly pulled his own gun, chased the pair from his store, picked up the five-buck profit.

Let them Benefit from your Experience
. . . help them become "Rangers"

THE NRA's Ranger Program—to promote supervised shooting among youngsters—deserves the wholehearted support of every seasoned rifleman. Get behind the program and let the kids benefit from your experience. They'll get a real kick out of having an experienced shooter help them. And you, too, will get a lot of pleasure out of teaching them to shoot safely.

You can get a booklet telling how to make Rangers out of the neighborhood kids from the Sportsmen's Service Bureau. Use the coupon for a free copy.

N.R.A. RANGER

SPORTSMEN'S SERVICE BUREAU
343 Lexington Ave., New York 16, N. Y.

Send me a copy of your free booklet, "Aiming for Sport".

Name.....
Street.....
City.....
Zone.....State.....
XS7-5

Detroit Public Library

Advertisement sponsored by
HERCULES POWDER COMPANY Wilmington 99, Delaware

NYLON—THE PERFECT CROSS HAIR

EXTREME SHOCK STRENGTH. Unsurpassed for resistance to heat, cold and dampness. Excellent sharpness and opacity. Installed in U. S. and foreign-made hunting and target scopes. All diameters.

U. S. makes ..... $6.00 Foreign makes .....approx. $9.00

NEW SCOPES IN STOCK WITH NYLON CROSS HAIRS—Weaver K2.5 coated, $50.00

THIE-WEN CO. Snyder Road Springville, N. Y. *The originators of NYLON CROSS HAIRS*

CHAMBERING REAMERS • • HEADSPACE GAUGES

Cal. 30.06 and .270 now ready. All standard cal. to follow. Gauges and reamers all properly hardened and ground and made to close tolerances. Reamers are cam relieved. Write for prices.

CHRISTY GUN WORKS
875-885 57th St. Sacramento, California

MECHANICS • HOME STUDY

Step up your own skill with facts & figures of your trade. Audels Mechanics Guides contain Practical Inside Trade Information in handy form. Fully illustrated. Easy to Understand. Highly Endorsed. Check book you want for 7 days' Free Examination. Send no Money. Nothing to pay postman. ☐Carpentry $6 • ☐Auto $4 • ☐Oil Burners $1 ☐Sheet Metal $1 • ☐Welding $1 • ☐Refrigeration $4 ☐Plumbing $6 • ☐Masonry $6 • ☐Painting $2 • ☐Radio $4 ☐Electricity $4 • ☐Mathematics $2 • ☐Steam Engineers $4 ☐Machinist $4 • ☐Blueprint $2 • ☐Diesel $2 • ☐Drawing $2.

If satisfied you pay only $1 a month until price is paid.
AUDEL, Publishers, 49 W. 23 St., New York 10, N. Y.

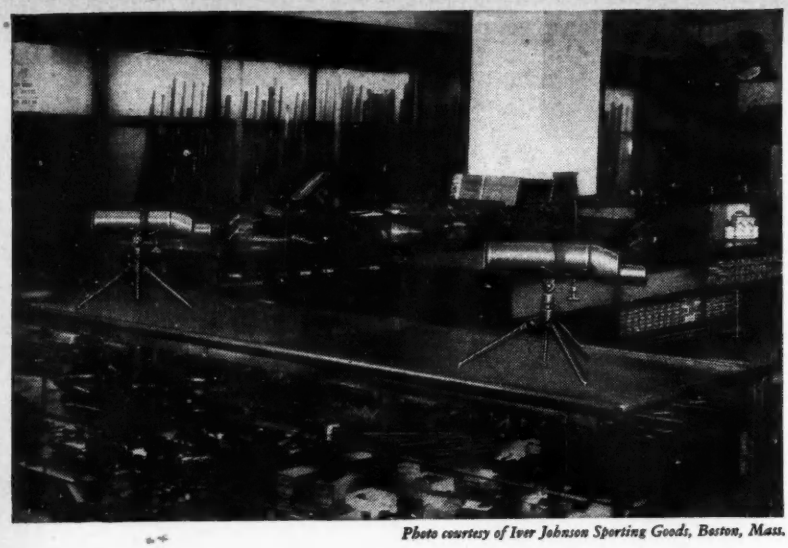


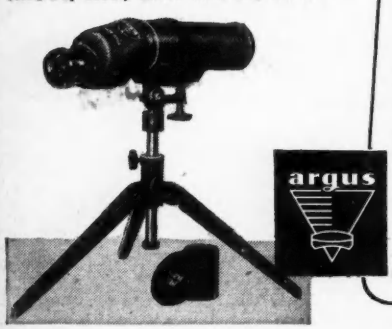
Photo courtesy of Iver Johnson Sporting Goods, Boston, Mass.

Next time you visit a Gun Counter... examine this ARGUS SCOPE!

Your favorite gun and ammunition shop has an Argus Spotting Scope for you to see. It's the Scope expert riflemen like best for practice and match shooting. Spotting your target through an Argus Scope, you get the full benefit of 20 power magnification. You get superb image brightness because of fluoride lens coating. Quick focusing saves you valuable time. Comfortable eyepiece arrangement allows you to use Scope while wearing glasses or goggles. And the Scope is light and easy to pack. The keener your interest is in rifles and rifle shooting, the more you need an Argus Spotting Scope!

***FREE:** Folder listing performance specifications of Argus Spotting Scopes. Write—*

ARGUS, INC., ANN ARBOR, MICH.



SOLD BY LEADING STORES

You'll find Argus Scopes on sale at such outstanding stores as:

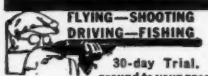
- Abercrombie & Fitch, New York
- The Fair Store, Chicago
- Gart Sporting Goods Company, Denver
- J. L. Hudson, Detroit
- Iver Johnson Sporting Goods Co., Boston
- Kennedy Bros. Arms Company, St. Paul
- Marshall-Field, Chicago
- Newman-Stern & Company, Cleveland
- Sibley-Lindsay & Curr, Rochester
- Sloans Sporting Goods Co., New York
- Stoeger Arms Corporation, New York
- John Wanamaker, Philadelphia
- The Parker Whelen Co., Washington, D.C.
- Woodward & Lothrop, Washington, D.C.

DEALERS

We are distributors for Colt and S&W Revolvers. Write for price list. USED revolvers and automatics on hand.

JOHN JOVINO CO.
5 Centre Market Place, N. Y. 13, N. Y.

PROTECTIVE GOGGLES



FLYING—SHOOTING
DRIVING—FISHING

All our lenses are ground to exacting government specifications.

30-day Trial. Also ground to your prescription. Write for booklet.

$3.75 to $12.50

W. N. BELZ, INC., Opticians, 2 E. 44th St., New York
Specialists in Fitting Shooting Glasses.

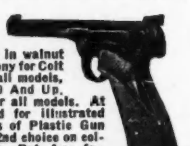
RAMPS BARREL-BANDS BUTT PLATES

P.G. Caps, Detachable Swivels

Rebarrel your ACTION, $25.00 up
Enfield remodeled, $20.00 up
Ask for illustrated price list.

TERHAAR GUN WORKS 6425 Cress Ave. Jacksonville, Fla.

POINTER STOCKS molded in walnut and ebony for Colt Woodsman and Hi-Standard all models, $5.50; Colt and S & W $5.00 And Up. Molded in Ivory 50¢ extra, for all models. At your dealer or direct. Send for illustrated circular. We are Originators of Plastic Gun Stocks. Please give 1st and 2nd choice on colors. .45 Colt Auto. now ready. Pat. App. for.



SOUTHWEST CUTLERY & MFG. CO.
1307 Olympic Blvd., Montebello, Calif. We Do Not Sell Guns

RICOCHETS

MOORE PICTURES

Long Beach, Calif.

Editor:

You've done it now! Here I've preached to an unresponsive son about never pointing a gun at anyone at any time, and thought you were backing me up. And then you come out with a champ pointing guns at us from page after page.

What about this rule of always treating a gun as if it is loaded?

Truly, you are a thorn in my side!

ALLEN VAUGHN.

WORKING AT MATCHES

Broomall, Penna.

Editor:

For many months we have with interest read letters of complaint and listened to gripes, arguments, and general "bull" sessions by rifle and pistol shooters in regard to the conduct, presentation, prize awards, and procedure of registered tournaments.

We are now of the opinion that these "gripers" or "armchair" shooters have two pastimes. One is planning the future of rifle and pistol activities. The other is panning anything done in the immediate past. Between the two, these gripers have *no* time to do anything helpful in the present.

Wouldn't it be a welcome and feasible plan if all clubs could require each and every member to assist in the management and operation of at least one registered event a year? This would bring to a conclusion the restriction of assistance by only a few of the old reliables and would distribute the responsibility on the shoulders of the entire membership. It is impossible for anyone to get a proper perspective of the time, energy, and plain hard work which is required to successfully sponsor a registered match to the entire satisfaction of at least 75 percent of those who attend unless they themselves have served in some capacity at such an event.

The present rules and regulations governing rifle and pistol competition were carefully compiled by persons of long experience and knowledge. These are acceptable to the average shooter. It seems the shooters "uninitiated" in the true workings of club activities forget the spirit of sportsmanship which must prevail if a club is to carry on.

MRS. ALICE Y. MATTHEWS,
JAMES H. CHAPMAN,
M. A. BROWN,
GEORGE G. MATTHEWS.

HUNTING WITH A HANDGUN

Hadlock, Wash.

Editor:

I wish to congratulate Mr. Charles W. Rossi (Hunting with Handguns, April RIFLEMAN) on having the only .357 Magnum pistol that will outshoot the .300 Savage rifle. I don't doubt but that the man is an excellent shot; all he needs is a governor. How does he kill 28 deer of one species legally in six years?

JACK DUSTIN.

Tucson, Arizona.

Editor:

. . . Mr. Rossi mentions having killed a deer in the Kaibab National Forest with a revolver.

Unfortunately there was no game warden to catch him using a revolver to shoot deer or perhaps he would have learned that we do have game laws in Arizona which read in part "Deer to be taken only with rifle propelling bullet 87 grains or more and delivering 950 foot-pounds or more of energy at 100 yards from muzzle."

Furthermore, his guide, if still in existence, should lose his guide's license permanently if he ever had one.

If there were fewer of his kind hunting, there would be more deer for the rest of us.

IVON NELSON, Sec'y.,
Tucson Game Protective Assn.

Forest Hills, N. Y.

Editor:

. . . Rossi's 40,000 rounds of the .357 cartridges runs into roughly $2,000. For that money he could hire someone to carry his "back-breaking" rifle.

DON MAHARAM.

CLUB AND MATCH PUBLICITY

Lynbrook, New York.

Editor:

I hear it said often that news about shooting clubs and scores of interclub contests is not printed in newspapers. The answer is that many clubs do not handle their newspaper contacts properly. I know that all papers will give shooting all the space they can when they are supplied with copy. If they do not get copy or if the copy is in such shape that it cannot be deciphered the papers cannot, of course, print the reports.

Clubs and leagues sometimes expect too much for their money. They leave publicity to just anybody and never think to provide the publicity department with funds to buy paper and stamps. I have seen some copy that is sent in to the papers and it certainly does not represent newspaper copy. Any old kind of paper is used—I have even seen scores sent in on backs of shot-up targets—the handwriting is often indecipherable, and names are misspelled and garbled. That stuff hits the wastebasket pretty quickly. If clubs and leagues will hire a secretary and reimburse him for the stamps and stationery and a little over for his time, they will get results with the press.

TOM KIZER.

THAT COLT COVER

Chicago, Ill.

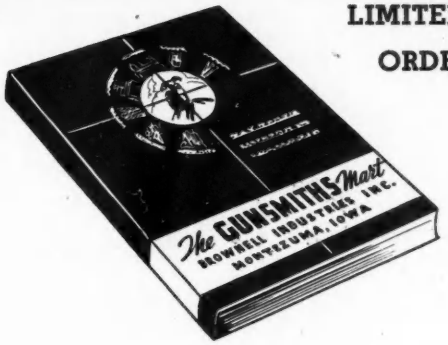
Editor:

I'm curious. What is that gadget on the May RIFLEMAN cover; not the pistol, but the three-handled affair to its right?

CHARLES Y. HAMILTON.

That "gadget" on the May cover is the bullet mold which was supplied with each Paterson weapon. The upper handle is attached to the sprue cutter. By moving it to the right before opening the mold, the small overflow of lead was cut off. Then, by opening the two remaining handles, the bullet could be removed.—ED.

LIMITED NUMBER
ORDER TODAY!



OFF THE PRESS SOON!

The FIRST and ONLY
COMPLETE GUNSMITH'S BUYING GUIDE

THE GUNSMITH'S MART

Send now for your copy of THE GUNSMITH'S MART, the handiest, most complete gunsmith's catalog and buying guide ever offered. 150 illustrated pages. Thousands of items. Includes machine tools, hand tools, drills, reamers, files, lathes, special hammers, latest precision equipment, supplies. Everything for the gunsmith from one dependable source. Lowest prices. Fast service.

DON'T DELAY! Every gunsmith needs a copy of THE GUNSMITH'S MART. Limited number. Send $1.00 today and reserve your copy. Off the press about July 15th. Price refunded with your first $10.00 purchase.

THE GUNSMITH'S MART
BROWNELL INDUSTRIES, INC.
MONTEZUMA, IOWA

CUSTOM REBLUING

All Pistols or Revolvers $5.00
All Rifles 6.50
All Shotguns 7.50
Not just a reblue job but a De Luxe finish!
Nickel or Chrome Guns blued, add $2.50.
Send guns express prepaid.
BERGEN GUN SHOP
37 West Maple St. Allendale, N. J.

MASTER GUNSTOCK FINISH

Oil type finish—filler and oil combined. Saves time and labor—produces a beautiful and durable finish. Enough for several stocks. $1.00 postpaid. Discount to dealers.

HAWKEYE SHOOTERS SUPPLY CO.
1606 3rd Street, S. W. Cedar Rapids, Iowa

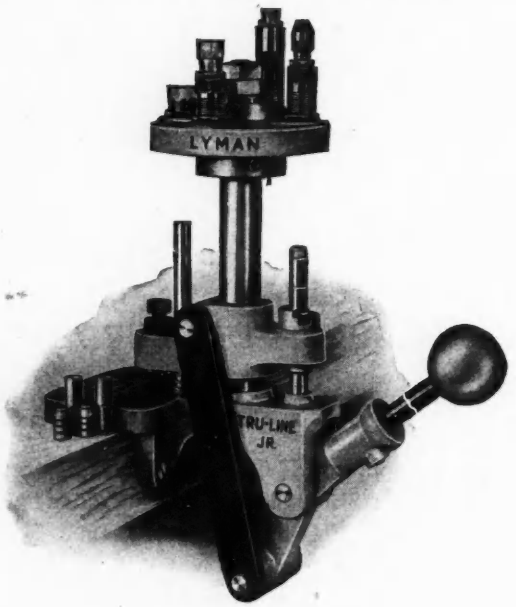
CARTRIDGE TOOLS
4 in 1 (illustrated)

Combination Cut-Off; Case Trimmer; Primer Pocket Reamer; F.A. Crimp Remover—*Folder Free*

G.T. SMILEY CO. Clipper Gap California

Ideal TRU-LINE JR.

Bench Reloading Tool or Press



The new TRU-LINE JR. is sturdy and compact, with straightline, easy operation. Uses same tools as Ideal tong reloaders. Turret self-centering. Furnished with or without dies. Tools for popular cartridges available. Four mounting screws for base. No cutting of bench necessary. Baked enamel finish in orange and black. For producing good ammunition quickly and easily, use the Ideal TRU-LINE JR. Free folder on request.

The Lyman Gun Sight Corp.

MIDDLEFIELD, CONN.

CHECKERING TOOLS

Guaranteed precision blades + beautiful plastic handles = the new Deluxe GUNLINE Checkering Set. Consists of Checkering Tool #16, #18, #20; V-Edger; Border-Vex; Swiss Bent Needle File—with instructions. Set $4.25 ppd. Write for information. Discount to dealers.

FRANTZ METAL SPECIALTIES
625 No. 22nd Street Allentown, Penna.

NRA MANUALS

The twenty-five-cent, pocket-size booklets containing a world of information on—"Remodeling Military Rifles"—"ABC of Pistol Shooting"—"Simplified Ballistics"—"From Tyro to Master"—"American Sighting Scopes." Twenty-five cents each or a dollar for all five, postpaid:

NRA BOOK SERVICE
1600 Rhode Island Ave., N.W., Washington 6, D.C.

"LIFETYME" PISTOL CARTRIDGE DIES

LONG LIFE - NO SCRATCHING - NO GALLING
USERS REPORT 250,000 CASES—and still running
MANUFACTURED BY
Carbide Die Service
CARBOLOY
(TRADE MARK) CEMENTED CARBIDES
71 N. MICHIGAN AVE. PASADENA 4, CALIF.

Lawrence

SADDLE LEATHER HOLSTERS

... Also cartridge belts, shell cases, western saddles, other saddle leather products. Made by pioneer Western saddle makers since 1857. Ask your dealer or write for catalog.

THE GEORGE LAWRENCE CO., Portland 4, Ore.

COMING EVENTS

The four classes of registered tournaments are indicated as follows:
AA—National Matches.
A—Regional Tournaments.
B—State Championship or large district matches.
C—Local tournaments.
Un—Indicates tournaments that are not registered.
Tournaments requiring Advance Entries are indicated by **Adv** and tournaments that plan to limit the entries to a predetermined number are indicated by **Ltd.**

South Carolina (C) June 7—Greenville Rifle Classification Tournament. Raymond W. Poore, 113 Chandler St., Greenville.

Utah (B) June 7-8—Utah State Small Bore Rifle Championship, Fort Douglas. George Barcus, 755 East 5th So., Salt Lake City.

New York (B) June 7-8—1st Annual Metropolitan District Small Bore Championships, Bethpage. Ed Moore, 87-27 257th St., Floral Park.

California (C) June 8—Small Bore Rifle League Match, Richmond. Chilton DeWitt, 3701 Lincoln Ave., Oakland.

Colorado (B) June 8—Colorado State Small Bore Matches, Camp Geo. West. L. F. Markle, 1006 Olive St., Denver, 7.

Indiana (C) June 8—Small Bore Rifle Tournament. Hubert K. Rhodes, 3015 Noble St., Anderson.

Wisconsin (C) June 8—Milwaukee District Small Bore Match. Col. Jos. J. Ring, 1842 North 83rd St., Wauwatosa.

Michigan (C) June 8—Ann Arbor Police Spring Pistol Tournament. H. G. Schlupe, % Police Dep't., Ann Arbor.

Pennsylvania (C) June 8—Annual Philadelphia Area Small Bore, Cold Point. W. H. Bahrenburg, Sr., 2006 E. Orleans St., Philadelphia, 34.

Pennsylvania (C) June 8—Annual Class C Small Bore Tournament, Harrisburg. Jay L. Smith, 1506 Walnut St., Camp Hill. **(Adv.)**

New York (C) June 8—Harvey Championship Rifle Tournament, Oneida. George R. Story, Jr., Box 95, Vernon.

California (B) June 13-14-15—Pacific States Championship Pistol Tournament. Emil J. Dutil, San Francisco Police Dep't., Hall of Justice, San Francisco.

California (C) June 14—Gallery Pistol & Revolver (Night). H. O. Peters, 706 Third St., San Rafael.

Connecticut (B) June 14-15—Conn. State Championship Small Bore, Wallingford. A. J. Griffin, Conn. State Rifle & Rev. Ass'n., Middlefield.

Maryland (B) June 14-15—8th Annual Maryland Revolver and Pistol Championship. Gerard F. Huesman, Sparrows Point Police Dep't., Sparrows Point.

Oklahoma (B) June 14-15—7th Annual Magic Empire Small Bore. Frank M. Parks, 625 S. Elgin, Apt. 311, Tulsa.

Minnesota (C) June 15—9th Annual Albert Lea Small Bore Tournament. Kenneth E. Wangen, Sec., 1034 Durham St., Albert Lea.

Oregon (C) June 15—Annual Outdoor Small Bore. George A. Dickson, 4003 S. E. Salem St., Portland.

New York (C) June 15—5th Annual Spring Rifle. Edward Burmeister, 705 White Street, Canandaigua.

Iowa (A) June 20-21-22—Midwestern Regional Pistol Tournament. Mr. Carl Prevatil, 2022 West Tenth St., Davenport. **(Adv.)**

North Carolina (B) June 20-21—11th Annual North Carolina State Ass'n. Small Bore Matches, Greensboro. Mrs. Alice D. Molt, 403 Charlotte St., Asheville. **(Adv-Ltd)**

Pennsylvania (C) June 21-22—Western Penna. Championship. George W. Rupp, 1029 Hancock Ave., Vandergrift.

New Jersey (Un) June 21-22—State Championship Big Bore and .45 Cal. Pistol, Plainfield. Carl E. Kastner, 1 Owen Drive, Maplewood.

Wyoming (B) June 22—Central Wyoming Dewar Championships and Annual Wyoming Dewar. Mike F. Thomsic, Douglas Rifle & Pistol Club, Box 56, Douglas.

Utah (C) June 22—Annual State Pistol Tournament, Fort Douglas. George R. Barcus, 755 East 5th So., Salt Lake City.

Washington (C) June 22—Outdoor Small Bore. Mrs. W. J. Holt, N. 4118 Howard St., Spokane, 12.

Pennsylvania (C) June 22—Summer Small Bore Tournament, Cold Point, Flourtown. J. E. MacConville, 317 N. Easton Road, Glenside.

Michigan (C) June 22—Great Lakes Steel Annual Rifle Tournament. David E. Vickerman, 13181 Mercier, Wyandotte.

Illinois (C) June 22—Outdoor Small Bore Rifle. Byron E. Putnam, 814 Ellis Ave., Wheaton.

Oregon (B) June 22—Oregon State Pistol Championship. John S. Altman, 405 N. Stanton St., Portland, 12.

Wisconsin (Un) June 22—Milwaukee District High Power Matches. Col. Joseph J. Ring, 1842 North 83rd St., Wauwatosa.

Florida (A) June 26-27-28-29—Southeastern Regional Pistol. J. Blanford Taylor, P. O. Box 5418, Jacksonville. **(Adv.)**

Texas (B) June 28-29—Mid Summer Pistol. L. L. Cline, 325 Cedar St., San Antonio.

Alabama (C) June 28-29—1st Annual Small Bore Rifle. J. B. Clem, 315 South 70th St., Birmingham.

New York (A) June 28-29—North East Pistol Regional. O. E. Whitbeck, 122 Morris St., Albany. **(Adv.)**

Missouri (C) June 28-29—Warrensburg Small Bore Rifle Tournament. Leonard Goadell, Warrensburg.

Ohio (C) June 28-29—Tusco Ninth Annual Small Bore. Roy F. Carrothers, 817 W. High St., New Philadelphia. (Adv)

California (C) June 29—Summer Pistol Tournament. Claire A. Bourelle, Sec., 2114 West 84th St., Los Angeles, 44.

Colorado (Un) June 29—Colorado State .30 Caliber Matches, Canon City. L. F. Markle, 1006 Olive St., Denver, 7.

Montana (C) June 29—Annual Anaconda Pistol Tournament. F. J. Mesenko, 700 Oak St., Anaconda.

Vermont (C) June 29—1st Annual Small Bore Rifle, Springfield. David T. Farrell, 12 River St., Woodstock.

Indiana (C) June 29—Small Bore Shoot. Mrs. Waunelia Heise, 316 Warren Building, Michigan City. (Adv-Ltd)

Illinois (Un) June 29—.30 Caliber Matches, Fort Sheridan. Thomas Blakemore, 5004 W. Huron St., Chicago, 44.

Pennsylvania (C) June 29—3rd Annual Summer Small Bore Rifle Championship, Lockaley Station. Mary Jane Oster, 2800 Township Line, Llanerch.

South Carolina (B) July 4-5—South Carolina State Small Bore Matches. R. W. Poore, Jr., 113 Chandler St., Greenville. (Adv-Ltd)

California (A) July 4-5-6—Far Western Regional Small Bore, Richmond. Chilton DeWitt, 3701 Lincoln Ave., Oakland. (Adv.)

Pennsylvania (A) July 4-5-6—Eastern Regional Small Bore, Altoona. R. B. Barry, 407 Second Ave., Juniata. (Adv.)

Virginia (A) July 4-5-6—Eastern Regional Pistol. W. Archie Keys, 238 4th Ave., Quantico. (Adv.)

Louisiana (A) July 4-5-6—Southwestern Regional Pistol. Lewin N. Semon, Box 505, Shreveport. (Adv.)

Iowa (A) July 5-6—Midwestern Regional Rifle Tournament. Vance E. Blosser, 3905 Amic Ave., Des Moines. (Adv.)

Connecticut (A) July 11-12-13—Northeastern Regional Small Bore. A. J. Griffin, % Lyman Gun Sight Corporation, Middlefield. (Adv.)

Oklahoma (A) July 11-12-13—Southwestern Regional Small Bore. Frank Parks, Jr., 625 S. Elgin, Apt. 311, Tulsa. (Adv.)

California (A) July 11-12-13—Far Western Regional Pistol. Capt. Basil Starkey, 3620 W. 62nd St., Los Angeles. (Adv.)

Pennsylvania (C) July 12—Kittanning "All Night Dewar" Match. E. W. Cook, 926 Orr Ave., Kittanning.

Utah (A) July 12-13—Northwestern Regional Small Bore. George R. Barcus, 755 East 5th South, Salt Lake City. (Adv.)

Ohio (A) July 12-13—North Central Regional Rifle Tournament, at Mt. Gilead. E. N. Littleton, 424 Wallace Avenue, Bowling Green. (Adv.)

West Virginia (C) July 12-13—Fort Boreman 5th Annual Open Small Bore. R. A. Simpson, 212 W. 10th Street, Parkersburg.

Kentucky (C) July 12-13—Louisville National Rifle Club Annual Tournament. Henry M. Wheat, 4633 South First Street, Louisville.

Wisconsin (C) July 12-13—Registered Small Bore Match. A. D. Sanial, 424 Cass St., La Cross.

Colorado (B) July 13—Colorado State Pistol Matches at Camp George West. L. F. Markle, 1006 Olive St., Denver.

Pennsylvania (C) July 13—Small Bore Rifle. Alfred Newhard, 111 Susquehanna St., Allentown.

Iowa (B) July 13—Iowa State Rifle Association Annual Pistol Tournament. Carl Prevatil, 2022 West 10th St., Davenport.

Tennessee (B) July 13—State Championship Pistol Tournament. Frank B. Hill, 2902 Snowden Road, Nashville.

Montana (C) July 13—22nd Annual Northwest Smallbore Rifle. F. J. Mesenko, 700 Oak St., Anaconda.

Colorado (A) July 18-19-20—Northwestern Regional Pistol. John Schooley, 540 Utica St., Denver. (Adv.)

Washington (A) July 19-20—Pacific Northwestern Regional Pistol Tournament. Captain Walter F. Day, Seattle Police Dept., Seattle. (Adv.)

Michigan (A) July 19-20—North Central Pistol, at Jackson. Marvin Driver, Detroit Police Dept., Detroit. (Adv.)

Oregon (A) July 26-27—Pacific Northwestern Small Bore, Clackamas. Willis B. Miller, 1432 N. E. Liberty St., Portland. (Adv.)

Sedgley Springfield sporter, .30-'06, No. 77502. Bert Bonetti, 155½ Wall St., Watsonville, Calif.

Model PPK .32 caliber Walther, No. 184663K. John Murphy, 1713 Walnut St., Wilmette, Illinois.

Colt Woodsman, 6½-inch barrel, No. 184463. A. D. Sanial, 424 Cass St., LaCrosse, Wisconsin.

Single-shot .22 caliber Lovell on hammerless Sharps-Borchardt action, with side attached 5X Winchester A5 telescope sight. Reward of $25 for return. Arch L. Foster, P. O. Box 1260, Tulsa, Oklahoma.

Following pistols stolen from window of Brentano's Book Store, Washington, D. C.: U. S. 1911 Colt .45 caliber, No. C137599; 9 mm. Walther P-38, No. 9188; 7.65 mm. Walther PPK, No. 877662. National Rifle Association, 1600 Rhode Island Ave., Washington, D. C.

English make .32 caliber pistol, stamped "1914 Automatic," glass grips, No. 30947. Ray D. Chrisinger, 1032 12th St., Milwaukee, Wisconsin.

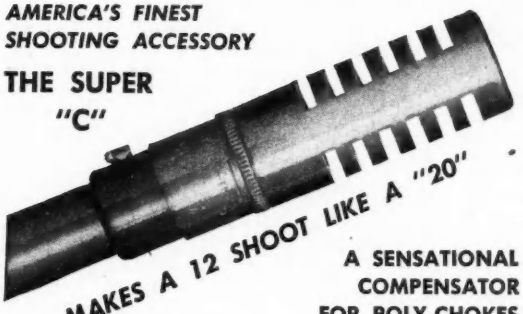
FACTS YOU SHOULD KNOW ABOUT THE NEW

SUPER "C"

COMPENSATOR FOR POLY-CHOKES

AMERICA'S FINEST SHOOTING ACCESSORY

THE SUPER "C"



MAKES A 12 SHOOT LIKE A "20"

Every Shooter who has ever had the pleasure of shooting the new Super "C" acclaims it as the finest shooting accessory ever offered shotgun owners.

A SENSATIONAL COMPENSATOR FOR POLY-CHOKES

$9.75 Installed

Write for free descriptive pamphlet

1. *Designed to give every Poly-Choke owner the long-wanted benefits of reduced recoil.*
2. *Designed to give you the same perfect patterns your Poly-Choke now gives you.*
3. *Designed to give you LESS BULK on the end of your gun barrel. The Super "C" is no larger in diameter than your Poly-Choke sleeve.*
4. *Designed to give you* instant *choice of patterns, PLUS* reduced recoil without extra tools or tubes *to lug around. Simply turn the whole installation to any choke you want and shoot all day in comfort.*
5. *Designed to add only 1⅞ inches to the length of your Poly-Choke.*
6. *Designed to add less than three ounces to the Poly-Choke installation.*
7. *Designed TO MAKE YOUR GUN A REAL PLEASURE TO SHOOT. The Super "C" is blued to match your Poly-Choke.*

Get a Super "C" installed on your Poly-Choke sleeve today! Be the first in your Club or town to show the boys a REALLY GREAT SHOOTING DEVICE. The SUPER "C" is fully tested and guaranteed. Your money will be refunded without question if it fails to please you.

To get your Poly-Choke equipped with a SUPER "C" compensator, simply remove the choking sleeve and mail it to us with check or M. O. for $9.75. Do not send gun or barrel. The installation will be made and returned to you within 48 hours on 12 ga., 1 week on 16 and 20 ga. We pay return postage and insure each package.

REMEMBER THE NAME SUPER "C"—It spells SUPER Shooting for you.

There is an attractive dealer set-up on the new Super "C." Dealer inquiries welcomed.

NOTE: *The name SUPER "C" has been substituted for Ken-Komp in order that there may be no suggestion of similarity between our own device and recoil-reducing device of another manufacturer.*

THE KEN COMPANY, Gardner 7, Mass.

8mm. Cartridges @ $4 per 20.
170 gr. S. P. Bullets.
Fits 7.9; 8x57; all '98 Mausers.
12 ga. HiSpeed Shells @ $2.15 box of 25.
PHIL JUDD
83 E. Park St. Butte, Mont.

✦ **GUNS REBLUED** ✦
$7.50
Beautiful refinishing by the new DU-LITE process. $1.00 extra for polishing bolt. Send metal parts only if possible.
O. A. BOYD
2835 CONCORD ST. FLINT, MICHIGAN

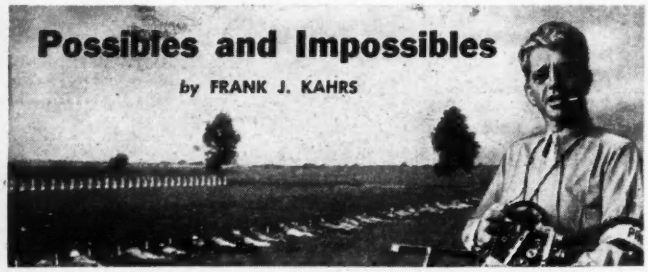
Minute Man★GUN BLUE
INSTANT "BLUE STEEL" GUN FINISH
Not a Paint-Not a Lacquer
MAGIC COLD CHEMICAL
Restores finish on 5 Guns
No heating! Can't injure steel. Simple process
Takes minutes.
GET Free descriptive circular
$1
NEW METHOD MFG. CO.
Box ABM 6 New Method Bldg., Bradford, Pa.

INVENTORS
The question as to whether a subject matter is patentable can be substantially determined by a search of the U. S. Patent records. Without obligation, write us for full information on what steps an inventor should take to secure a Patent or Trademark.
RANDOLPH & BEAVERS
Registered Patent Attorneys
370 Columbian Building, Washington 1, D. C.

A PAPER FOR PEOPLE WHO SHOOT

Rifle

VOL. 10, NO. 6 BRIDGEPORT, CO



A regular reader of the column for many years wrote me the other day to express his appreciation for some help we had given him in the Statistical Office at one of his high school shoots to help out with an experienced crew. Sometimes we personally jump in in an emergency, but not often. It's drudgery to us, but useful, of course, and necessary to run a shoot.

Now what does all this have to do with rifle shooting interest in general? Well, this chap got started in his high school days and never got over it, and he has done much in scholastic coaching, has organized leagues and taken an active part in junior and high school work ever since. It's just another story of one man who, against great odds and many discouragements, achieved his ambition to do something for school boy rifle shooting.

So, he organized a very successful inter-scholastic league of many clubs and the thing is growing fast. Now his next ambition is to organize other county leagues and then have the county championships. All of this activity is in the Empire State of New York and the scene of action is down on Long Island.

Now why does a man want to do all of this? Well, that may be the $64 question and my answer would be because first of all he loves boys and then he loves to do something to keep them busy, and back of it all is an ambition to achieve something useful. There isn't any doubt that he has succeeded in his ambition because looking at it squarely from the standpoint of what I would call "A solution of the question of Juvenile Delinquency," you give a boy something to do and it's quite certain he will keep out of mischief, especially if the job you give him to do is not irksome.

I wish there were more space to tell about this chap because to me he represents something good and wholesome and something useful. But I can only say this much that if I had medals to bestow on those who have performed meritorious work for the human race, I would certainly reserve some of them for the man who takes an interest in our youth.

But let me tell you in his own words why my friend does all this work and you will better understand than any poor words of mine might explain. "My motive in working for the increase of high school rifle clubs is because I believe that the high school is one place where we can introduce teen-agers to riflery under adult supervision; teach them the rifleman's code of safety rules and make good safe shooters out of them; not waiting to let them learn about rifles the 'hard way.' Safety is my motive, let the skill come as it may and competitive shooting be entirely secondary."

Anyhow, the Medal of Merit this month goes to my friend, whom we shall call "Tom" because "Tom" symbolizes everything that's good, because didn't we have Tom Sawyer?

* * *

One of the small bore boys down New Orleans way tells me that he recently got "hot" at 50 yards and with his old 37. Once having gotten into the groove, he kept it going and at the end of his 200th shot, his score was 2000-119X. At this time he was about worn out and ready to quit, but some of the boys told him to keep on shooting, so after twenty minutes' rest, he started off again but went out on his 215th shot. Of course, this is not official, because it was only in practice, but it indicates the high state of accuracy rifles and ammunition can reach, so it really becomes an endurance test.

It was also an endurance test for the ammunition, I may modestly add, because it so happens that he used Palma Kleanbore.

Palma, Kleanbore, Targetmaster and Rangemaster are Reg. U. S. Pat. Off. by Remington Arms Company, Inc.

RECORD INTRE
INDICATED

FINE ACCURACY IS BUILT INTO REMINGTON MATCH AMMUNITIO

BRIDGEPORT, CONN., June, 1947. Today finds greater stress than ever placed on accuracy requirements of 22 rimfire ammunition. At Remington, ballistics experts see to it that there's no let-up in strict production procedure. As a result, Palma Kleanbore and [illegible] lice Targetmaster consiste[illegible] give shooters highest qua[illegible] and superior performance [illegible] 22 match ammunition.

Factory specifications for[illegible] ery manufacturing detail [illegible] Remington ammunition are [illegible] for hair-line accuracy and u[illegible] formity, resulting in bet[illegible] bullets that gear with rifli[illegible] for improved accuracy. B[illegible] listics experts send bullet aft[illegible] bullet down the range—testi[illegible] —studying—improving . . . [illegible] give shooters the finest "[illegible] sible" ammunition for mat[illegible] shooting. Remington mat[illegible] ammunition consistently h[illegible] met the highest standards [illegible] accuracy demanded on t[illegible] range.

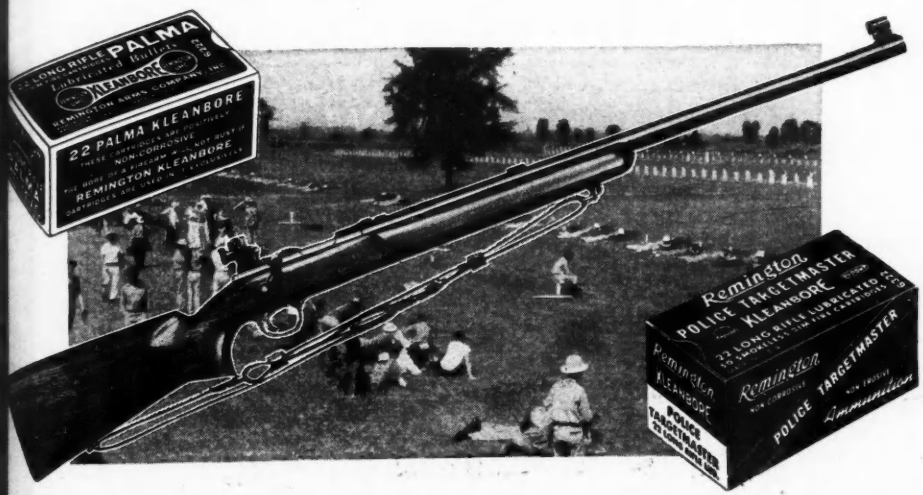
THERE'S ONE IN EVERY CLUB . . . . . *The Borrower*

emington News

WEATHER:
CLEAR AND BRIGHT WHENEVER YOU SCORE A 10X POSSIBLE

RT, CO T, JUNE, 1947 First Class Reading Matter for Rifle Shooters

TREST AND ATTENDANCE ED AT ALL 1947 MATCHES



SHOOTERS AFTER TIGHTER GROUPS GET THEM WITH A MODEL 37

BRIDGEPORT, CONN., June, 1947. There are reasons why good shooters become better shooters when they line up with the Remington Model 37 target rifle. The 37 is regarded as the finest small-bore target rifle because of its performance in actual match competition.

This Remington Rangemaster was designed by the world's finest and most experienced gun designers. Every feature helps contribute to shooting ease that builds higher scores. The Model 37 has the strongest and fastest 22 caliber action ever built into a rifle. Large heat-treated wearing surfaces eliminate the development of excessive head space and maintain accuracy indefinitely.

One of the outstanding features of the Model 37 is the trigger mechanism. Called the "miracle" trigger by masters, it gives you a smooth, crisp pull, lightning-fast in letoff,

THE MIRACLE TRIGGER

yet without perceptible movement and with no backlash.

A high thick comb is another important feature. So designed that your eye finds the sight easily and quickly. And you have a single sighting plane. Your cheek nestles against the same precise spot whether you're shooting ironsights or telescope.

"PRACTICE UNDER MATCH CONDITIONS" EXPERT ADVISES

BRIDGEPORT, CONN., June, 1947. A well-known small-bore expert offers a suggestion to shooters preparing for big matches. "Practice all you can under real match conditions," he says.

"In the morning and late at night, you don't have to worry about breezes in most parts of the country. And there's next to no mirage. However, at most registered matches, many events are shot between 10 a. m. and 4 p. m., during which period the mirage usually is thickest or breezes strongest."

This expert suggests that for the best practice under match shooting conditions, "you should do most of your shooting between these hours. Then you'll be ready for matches where such conditions exist."

REMINGTON ARMS AND AMMO TOPS AT PRE-CAMP PERRY SHOOTS

BRIDGEPORT, CONN., June, 1947. It looks like a record is going to fall. The record for the greatest number of shooters and shooting fans ever, held by the 1946 season. Already, the 1947 season shows signs of having an even greater number of shooters and accelerated interest from fans. This means keener competition than ever before. And results so far point to one of the best seasons yet for the winning combination of Remington arms and ammunition.

All this increased activity in State and Regional Matches leads to just one thing—Camp Perry. It promises to be the biggest and best National Championship Match ever held! And shooters practicing for Camp Perry are taking note of the consistently fine performance records of the Remington "Rangemaster" Model 37 target rifle and Remington "Palma Kleanbore" and "Police Targetmaster" match ammunition.

Model 37 Very Popular

Next time you're on a rifle range, look down the line and note that you see more and more Remington Model 37 target rifles. This superbly accurate 22 rifle is proving that it's the right one when competition really gets hot!

Drawing favorable reports, too, are Palma Kleanbore and Police Targetmaster 22 match ammunition. These "reliables" help to make the difference between the winner and the field on any range. Their record of achievements at Camp Perry Matches of past years has given shooters still greater confidence in them.

DOPE BAG

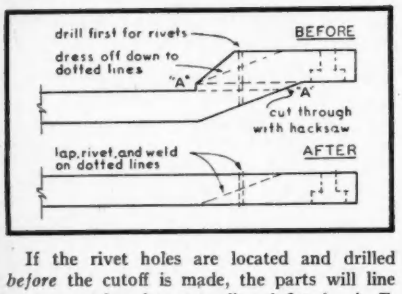
Conducted by Major General J. S. Hatcher
Edwards Brown, Jr., A. H. Barr, J. L. Murphy, J. S. Rose

Altering Enfield Trigger Guard · Results with .228 Ackley-Magnum · Nice Conversion Job · Cartridges Discontinued · Notes on Rebarreling · What Is It? · Stith Bear Cub Scope · Observations on Cleaning Rods Homemade Arbor Press · Another Enfield Magazine Alteration · Shotgun Dent Remover · Czecho-Slovakian VZ 24 Rifle Trade Dope

ALTERING THE ENFIELD TRIGGER GUARD

In revamping the floor plate of the M1917, one simple change in the procedure will simplify the job and produce an accurate alignment and spacing of the front trigger guard screw hole.

Write-ups in THE RIFLEMAN recommend cutting off the floor plate on line A-A (see sketch), then aligning, drilling, riveting, and welding.



If the rivet holes are located and drilled *before* the cutoff is made, the parts will line up accurately when cut off and fitted.—A. E. CRAYNE, Seattle, Wash.

RESULTS WITH THE .228 ACKLEY-MAGNUM

One of the reasons for noticeable interest in the .30-'06 case necked down and shortened to .228 caliber is that a relatively flat trajectory is possible with a 70 grain pointed bullet. This caliber has been used for a number of years. One reason that some rifles in this caliber have not performed well is that the rifling twist is too slow.

Some years ago F. C. Ness reported rather unfavorably on the accuracy of this cartridge. At that time however, we had only experimental, special hardened barrels with a rifling twist of one turn in 12 inches. Since then we have had some very favorable reports on accuracy through members like Charles L. Russell, the Cleveland, Ohio, gunsmith. Both he and Ackley insist that a rifling twist of one turn in 10 inches is necessary to stabilize the pointed 70 grain Sisk or Barnes bullets.

Now we have a heavy-barreled rifle in .228 Ackley-Magnum caliber which apparently will equal the performance of Mr. Russell's rifle with which it was not uncommon to place 10 shots in less than 1¼ inches at 100 yards. This kind of accuracy is reported by Russell after firing more than 700 rounds. There was no noticeable barrel erosion. The standard load with 70 grain bullets is 39.0 grains No. 4064 powder. Another accurate load used by L. E. Turley in his .228 is 42.0 grains of the same powder with a 60 grain bullet. We know from experience that this cartridge with 70 grain Barnes or Sisk bullets is dynamite on deer. There are many favorable reports on its performance on elk and other heavy game. The muzzle velocity with the accurate 39 grain load is supposed to be between 3600 and 3700 foot-seconds.

Our most recent results indicate accuracy of 1¼ minutes or less up to 400 yards. The trajectory, too, is promising. When zeroed 1.10 inches above aim at 100 yards the actual impacts were three inches above at 200 yards, 1.55 inches below at 300, and 15.00 inches below at 400 yards. This trajectory appears quite flat, but the scope is mounted 2.22 inches above the bore on a Bull Pup rifle. The best load still is the 70 grain bullet and 39.0 grains No. 4064.—A. H. B.

A NICE CONVERSION JOB

Lately I have noticed some very fine examples of Mannlicher stock designs illustrated in the Dope Bag. So, with pardonable pride in the ability of a couple of Missouri gunsmiths, I am moved to submit the enclosed photograph.

It has been said that were a wall built entirely around the great sovereign state of Missouri, everything conducive to the happiness and well-being of its people could be produced within the confines of that wall. In true "Show Me" fashion is this exemplified by the gun pictured. The caliber is .257 Roberts. Made on a G. 33-40 action and weighing short of eight pounds, this gun was sized to match the short stature of my wife. It is remarkably accurate with factory ammunition and with the coming of spring I hope to improve its accuracy with handloads.

The barrel work, the altering of the bolt handle, the engine-turning on the extractor, were all done by Charlie Fajen of Stover, Missouri. He put on a trigger of his design similar in some respects to a Model 70 trigger, with a roller on the sear that acts on a cam on the sear notch. It has been my observation that the standard Model 70 trigger appears to be affected by differences in the ammunition used—caused, I think, by differences in the thickness of the case at the rim. This roller and cam act to keep the trigger pull constant at all times. And, though safe, is a mere whisper; "a thing of beauty and a joy forever!"

The stock of native Missouri walnut, lightly figured on the butt, was made by Charlie's nephew, Reinhart Fajen of Raytown, Missouri. The cheekpiece is Reinhart's own design and blends into the rest of the stock with very pleasing lines, made possible partly by the metal forearm tip which permits a more slender forearm than would a more bulky plastic tip. The checkering is very fine with a petal design and no border. The finish is a dark oil, in pleasing contrast to the highly polished bolt handle and extractor. The whole thing is an almost flawless example of the stock maker's art.

Oh yes, the sling is one of the most practical I have encountered—designed and made by Charlie Fajen—of natural leather (Kansas City leather, by the way) and embossed with an attractive design.—WALLACE SMITH, Kansas City, Missouri.

CARTRIDGES DISCONTINUED

One of the things that has made it difficult for ammunition makers to give the shooter his favorite loads at a reasonable price is the enormous number of different kinds, types, and calibers that must be made and stocked.

Recently the Bureau of Standards Division of Simplified Practice, working with committees from the ammunition industry, compiled a list of calibers and types of ammunition to be manufactured in the future.

Cartridges omitted from this list and which therefore will not be made or sold by the large ammunition companies in the future include the following:

Rimfire

.25 Stevens Short
.41 Short
.41 Swiss

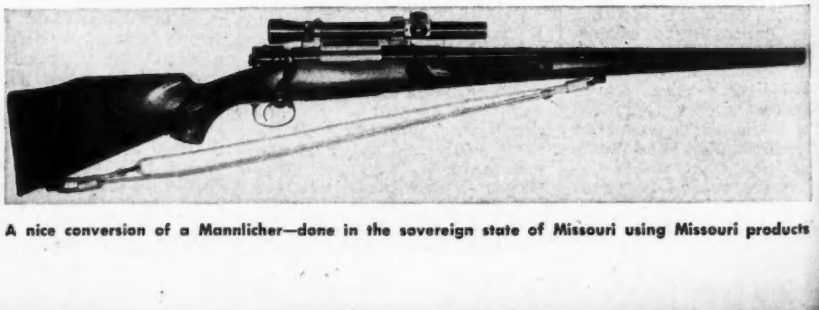
Centerfire

.25-20 Single Shot
6.5 mm. Mannlicher Schoenauer
.35 Winchester
.38-56 Winchester
.38-72 Winchester
.40-65 Winchester
.40-82 Winchester
.401 Winchester Self-loading
.405 Winchester
.45-90 Winchester
.44 Game Getter Shot

NOTES ON REBARRELING

The practice of fitting the Enfield barrel to Mauser action, mentioned in the November issue of THE RIFLEMAN, without first cutting off, rethreading, and rechambering the barrel should be discouraged.

To begin with, the breech end of Enfield and Mauser barrels are nothing alike, either in shape or threads. The Mauser barrel is flat on the breech end, while the breech end of the Enfield, Springfield, and some others are counterbored to about 45 degrees. Likewise, the bolts of the several actions are entirely different at the head end. I have fitted many Enfield and Springfield barrels to other actions includ-



A nice conversion of a Mannlicher—done in the sovereign state of Missouri using Missouri products

ing Krags, but never without first cutting off the breech end of the barrel, then rethreading and rechambering it. No gunmaker who knows the first thing about barrel fitting would think of doing the job any other way. I am a custom rifle maker who has been at the game for forty years and I should know a little about it by now.

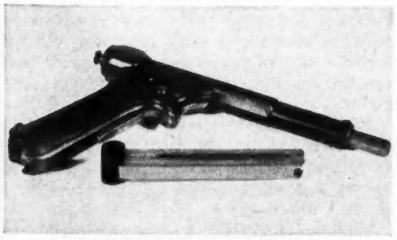
There are a lot of "so-called" gunsmiths over the land who are trying all sorts of stunts with the various rifle actions that were brought back by GIs from different theatres of action. A lot of these gunsmiths are advocating rechambering the Jap 6.5 mm. to .250-3000 and the .257 Roberts. A lot of men over the country who do not know better are sending their rifles to these gunsmiths for conversion, only to learn to their sorrow later they have been rooked out of their money and had their rifles ruined by catch-as-catch-can barrel fitting and rechambering jobs. Some of the jobs being passed out to the public are little short of criminal; something should be done to stop the practice.

Being a custom rifle maker, it might seem to some that I am writing this with selfish reasons, which is the furthest from the truth. It is being done in the interest of public safety. The Jap rifle, often called the Jap .25 caliber, is NOT a .25 caliber. It is a sloppy 6.5 mm. and can be rechambered for the 6.5 mm. Mannlicher without danger if the job is done by a qualified gunmaker. But the Jap rifle is a "slap-stick" affair in general and can never be anything to write home about. The men who are rechambering them to .250-3000 and .257 Roberts or any of the other risky jobs can never be a competitor to me or any other qualified rifle maker. But they do represent a very real menace to shooters who do not know these fellows are not qualified to do safe barrel or chambering jobs.—CHAS. A. EVANS, New Meadows, Idaho.

WHAT IS IT?

I have rather an interesting gun in my collection; and I am enclosing a picture of it. Mr. Sidney Aberman, who I believe to be one of the most proficient men on automatic pistols is completely stumped by the above gun.

From what I assume, this gun is one of many types that the Chinese or Japanese turned out in their hand shops. There is not a mark on the gun except a 36 on the rear of the breech.



Can you identify this gun?

I will offer a year's subscription to THE RIFLEMAN to the first person who gives me—the type—the place of manufacture—and the caliber of the ammunition.—BERT K. TODD, Pittsburgh, Pennsylvania.

Answer: The NRA Technical Service is quite unable to identify the pistol pictured. It has the appearance of a machined weapon. If any reader can identify it for Mr. Todd, he can get himself a year's subscription to the RIFLEMAN.—EDITOR.

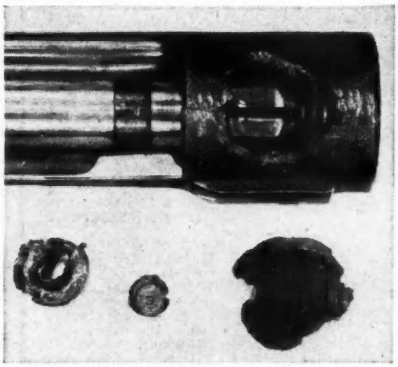
INTERESTING RECEIVER FAILURE

While firing my Springfield with a light reload recently, the receiver flew to pieces. I am writing you in the hope that you can tell me the cause for this accident. Fortunately, no one was hurt. I am listing all the information that I have on the arm and am sending you the receiver for examination.

Receiver—Sedgley Springfield, no number, purchased in 1936
Barrel—Heavy 26-inch Buhmiller barrel put on in 1939
Load—FA 38 brass, 9½ Remington primer, 20 grains of 4227, 160 grain lead bullet, gas check.

Estimated number of rounds through this receiver was 12,000. All but the last fifty or so were full loads of Government-issue ammunition, about half of it being boattail. Upon examination after firing, the barrel was found to be clear of all obstructions and had no bulges in it. The receiver was tapped for scope blocks when I got it.—VANCE ROGERS, Crow Agency, Montana.

Answer: This is very likely one of the old low-numbered Springfields. All Springfields below 800,000 were made of steel which is more or less subject to failures of the kind



Excessive pressure blew this low-numbered Springfield action, which had been weakened by plugging one set of holes drilled through the receiver for a telescope mount

shown by your gun. Some gunsmiths have retreated these receivers, but Springfield Armory, after a series of experiments in their laboratory, stated that there is no known method of reheat-treating these receivers so as to make them serviceable.

Another thing that has contributed to the failure of your receiver is the fact that the receiver has been considerably weakened on top by holes drilled at least twice for telescope sight mounts. One set of holes was plugged up after being drilled all the way through the receiver.

The third factor, and the one which really caused the trouble, was excessively high pressure in the cartridge case. The pressure must have been something over 100,000 pounds to cause the head of the case to open up and flow, and also to flatten the primer completely.

While at Springfield Armory I made a great many experiments on high-pressure loads and from the looks of the case the pressure was 100,000 pounds or over.

I realize that you were supposed to be shooting a light load and I don't know what caused this high pressure; I would certainly hesitate to suggest that two charges of powder might have got into the case by mistake, but this has happened on occasions.

With a pressure like that, your old receiver did remarkably well and held together beautifully considering all the abuse that it has had. A low-numbered receiver in the first place, it was ground down to a smaller size to remove the number, etc., was reheat-treated, had two sets of holes drilled all the way through for the scope mounts.

Essentially all that happened was that a little piece was blown out of the top of the receiver, but the locking lugs held and the bolt remained in place.—J. S. H.

PRIMER POCKET CLEANER

For cleaning small primer pockets George L. Estabrook uses a length of steel spring wire and a nail. He winds an open coil spring with a right hand twist, using No. 23 wire. The coil is 1 inch long with an outside diameter of 5/32 inch. This spring is soldered to the snug-fitting nail, leaving 3/8 inch projecting over the end.

To use insert the nail in a drill press and turn the spring at fairly high speed. It sounds like a good idea and a larger diameter spring could be used for the large size rifle and pistol primers.—A. H. B.

SLING SWIVELS

The Enoch Company, 533 N. E. 78th Ave., Portland, Oregon, can furnish very attractive detachable sling swivels. In appearance they are not unlike the sling swivels made formerly by C. E. Sprague, with which we have been familiar for several years. These swivels thread directly into permanent bases. With the swivels removed the bases are flush with the stock. When in use these swivels can revolve to any desired sling position.—A. H. B.

BECOME A PISTOL EXPERT WITH A
HY-SCORE AIR PISTOL
• No Pumping
• Powerful, Fast
• Single Shot
• Precision-Made
• 30½ oz.; 10¼" long
HY-SCORE PELLETS FIT ALL PISTOLS Cal. .177 2.50 Cal. .22 3.00 per 1000
SEE YOUR DEALER
Send for Free Circular Dept A6
HY-SCORE ARMS CORP. • BROOKLYN 1, N. Y.

RIFLEMAKER—
L. H. BROWN
Now moved from Dowagiac, Michigan, to my new home and shop, Route 2B, Kalispell, Mont.

PISTOL SHOOTERS
Our new Micrometer Rear Sight is simple, sturdy and dependable. ACCURACY IS GUARANTEED. Self-locking click adjustments. Made for Hi-Standard Target Models, Match Target Woodsman, 45 Auto, and others.
Price $12.00. Discount to Gunsmiths.
GREGOIRE ENGINEERING CO.
Box 3111 New Haven, Conn.

DDRI
4 ACTION
CLEANS
LUBRICATES
PREVENTS RUST
DISPLACES WATER
The Dampness Displacing Rust Inhibitor
FOR USE
on GUNS TACKLE & TOOLS | in HOME CAMP & SHOP
DDRI does MORE for your equipment.
"You Needn't DRY it before you DDRI it"

AVAILABLE for IMMEDIATE SHIPMENT

L. C. Smith, 12, 16, 20 Gauge, Field Grade $96.10
L. C. Smith IDEAL Grade 128.95
Marlin 801DL .22 cal., tubular magazine 25.90
Winchester 63 .22 Automatic 57.50
Rem. 241, Automatic, .22 Shorts only 57.50
Remington 141, Cal. 35 or 32 Special 95.60
Win. 12, Rem. 31, Ithaca 37 Pumps .. 78.50
Marlin 30-30, $55.60; Win. Model 94 56.50
Rem. .22 MATCHMASTER, Stith Mount, 2½X Scope 111.05
Rem. 81A, Stith Mount, Texan Scope 190.00
Smith & Wesson, M & P, all bbl. lengths 56.50
Winchester 52 Standard, no sights .. 79.50
Win. 52 Heavy, Marksman Stock ... 89.15
Winchester 75 Target Rifle 53.50
Win. 75 Sporter, Ramp front, Lyman rear 55.85
Win. 69 Target, Blade front, Peep rear 25.15

Orders accepted for Bull Guns, Rem. 37, etc.

Gopher Shooter's Supply will receive 800 guns this month. Write us. We may have what you want.

SCOPE SIGHTS

Litschert Attachments, for Alaskans, $20.00; for K scopes, $18.50; 330-440, $17.50. Unertl 1 in. Target or Vermin, $57.00. Unertl 1¼ in., $77.00; 1½ in., $90.00. Unertl 2 in., $125.00. Unertl Small Game, $40.00. Fecker 1½, $70.00. Fecker 1½, $98.50. Lyman Alaskan, $60.00. Texan 2½X, $50.00. Weaver K2.5, $45.00. Weaver K4, $52.50. G88 Scopes in 2½ or 4½ power, $50.00. Weaver 440, $35.70. Weaver 1X, $22.60. Lee Dots available and in stock.

MOUNTS

Griffin & Howe... $25.00. Echo..... $17.50
KING-PIKE for 1" and ⅞" Scopes... 17.50

YOU SHOULD HAVE ONE OF THESE DANDY SPORT CAPS

Specially designed visor keeps the sun from your eyes. Useful in target shooting, golfing, fishing, etc. Order extra ones for your friends. State size and color. Available in tan, red and brown. $1.60, prepaid.

AMMUNITION

All .22 Match Ammunition, per thousand $12.30
.38 S & W Special Mid Range, per 50 2.51
.22 Hornet Ctgs., per box 50..... 3.53
.270 Win., 100 gr., $2.66; 30-30, $2.04; .22 Hornet, $3.53; 300 Savage, $2.56; 12 Gauge Magnum, 3 in. shells, per case, $51.45. All the Heavy Game loads you want at $36.75 per case for 12 Gauge Heavies. Inquire about other shells and metallics.

ARGUS SUPER SPOTTING SCOPE.. $74.50
MARK 218 22X SPOTTER $22.50
MOSSBERG 20X SPOTTING SCOPE.. $22.30
FREELAND DE LUXE SCOPE STAND $9.50
SCO-POD FOR MARK 218 ..... $4.75
(We can use some trade in merchandise on these scopes. Describe fully.)

POWDER, COMPONENTS, LOADING TOOLS

Du Pont 3031, 4064, 4320, 4350, 4198, 4227, per lb., $1.70; in 20-lb. kegs, $29.00. Hercules HiVel #2, 5 lbs., $8.25. Unique, 4 lbs., $8.25. Bullseye, 3 lbs., $6.75. 2400, 5 lbs., $8.25. Red Dot, 3 lbs, $6.75. Du Pont #6, Rifle 4759, 8 oz., $1.05.
Rem. & Win. Large & Small Primers, per M ..... $ 6.00
Famous Lyman True-LINE Reloading Press 37.50
Saeco Powder Measure, Pistol or Rifle 12.50

MONTE CARLO Cheek Pad $4.25. Jostam and Pachmayr Recoil Pads, $3.25. Pachmayr Rifle Pads, $2.00. BRAUER CASES FOR SCOPE RIFLES, $13.50

If you are having trouble with your Rifle Grouping try our new barrel band. Flexible, adjustable, holds barrel down uniformly without variation. Give barrel measurements in 32nds or thousandths. Price, $1.60.

A NEW NATIONAL RECORD HAS JUST BEEN BROKEN WITH ONE OF OUR NEW FRONT SIGHTS. ASK FOR FOLDER describing this and many other items not listed in this advertisement. SHOOT YOUR SHOOTING QUESTIONS on to

DISTRIBUTORS OF QUALITY SPORTING GOODS

GOPHER SHOOTER'S SUPPLY **Faribault, Minn.**

• MEDAL CASES •
Genuine Walnut frame beautifully finished. Glass front. Black or Maroon velvet background. Three stock sizes. Priced at $3.50, $4.70 and $5.90, f.o.b. Neenah. Folder on request.

H. C. NIELSEN 630 Congress Street Neenah, Wisconsin

FOR SALE: THIS SPACE—AT LOW COST

A display ad of this size measures 14 agate lines or one inch. It costs $18.90 per issue if less than six insertions are used within one year; $17.50 per issue for six or more insertions in a year; only $16.10 per month for twelve consecutive insertions. THE AMERICAN RIFLEMAN circulation is now well over 250,000 copies monthly. We will be glad to help you in writing "copy," making "lay-outs," etc. No charge for this service, of course. What is your product?

BORESIGHT YOUR RIFLE

WHY WASTE TIME AND AMMO SIGHTING IN?
Send for "BORESIGHTER" that will sight your rifle in with amazing accuracy WITHOUT FIRING A SHOT! It's simple and it's guaranteed. You'll want one for each bore! Only $1.00 each (lever action $1.25). Specify caliber.

TOM FROLEY 694 Northumberland Rd. West Englewood, N. J.

MORRIS L. MENG
CUSTOM GUNSMITH
Military conversions to standard or de luxe sporters. Specializing in high-grade custom rifle and shotgun alterations.
Fancy rifle and shotgun stocking.
Beautiful Bluing General Repairs
SEWELL, NEW JERSEY

STITH BEAR CUB SCOPE

This new 2½X hunting scope is made by the Kollmorgan Optical Corporation for M. L. and M. J. Stith, the San Antonio mount makers. This light scope weighs only 5½ ounces or 9 ounces with the Stith Q.E.D. Model-70 mounts. The scope, with ⅞-inch tube, is made especially for Stith with internal elevation, only, so as to utilize the windage control of the Stith mount. Stith prefers this type of adjustments. It is indeed more difficult to make accurate windage and elevation adjustments in a scope.

The new Stith Bear Cub Scope

The Bear Cub is 11¾ inches long, with 4-inch eye relief and the field of view is a full 35 feet at 100 yards. The high-strength duralumin scope tube has a satiny black finish formed by the Alumilite process. It appears very hard and durable.

The internal, coin-operated, graduated elevation control for the scope we tried was extremely accurate. It was impossible to get any backlash. Even though there are no clicks (just plain adjustments) we could make a 5-shot group, then move the elevation knob either direction, or both, then return to the original setting and place five more shots in the same group. This was repeated five times.

Optically, the scope is comparable to other 2½X scopes. The coated lens is sealed against moisture.—A. H. B.

OBSERVATIONS ON CLEANING RODS

In spite of all that has been said about that very necessary piece of equipment, the cleaning rod, there still seem to be many who have the wrong idea about it. Numerous articles (one is in the February issue) place emphasis on the use of hickory or aluminum rods, seemingly under the impression that these rods are easy on the barrel because they are soft.

Actually, the reverse is true: the softer the rod is, the more certain it is to pick up grit and wear the bore. Only one type of cleaning instrument, the string field cleaner, is harder on a barrel than a soft rod. Moreover, hickory rods are seldom straight, even when new, and crookedness adds materially to their abrasive action.

Without any question the best type of cleaning rod is one of solid steel, as hard and as smooth as possible. Such a rod will not kink readily and will not have grit imbedded in it to wear the bore.

While on this subject of cleaning rods, the matter of barrel obstructions comes to mind.

Nearly everyone at some time or other will lose a patch in a barrel. Most everyone will try to drive out the patch, with the result that it is only made tighter. Usually the barrel is ruined, either by too small a rod that kinks in the bore and is likely to become stuck itself, or by an attempt to shoot out the obstruction, which will bulge the barrel as the least damage or blow it up completely as the greatest.

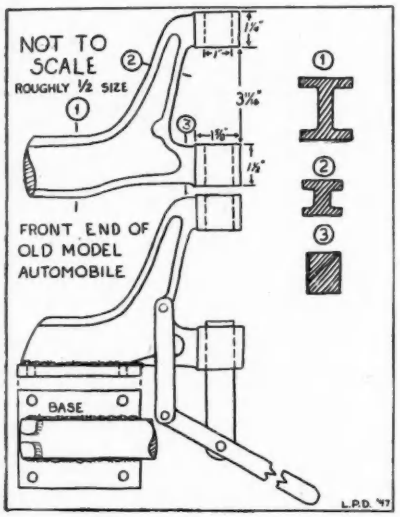
Stuck cleaning patches, and even stuck bullets can be removed very easily by attaching

a wood screw to the rod that will be used. Select a screw that is a close fit in the bore, cut off the head, and attach it to the rod by welding or threading. Screwed by hand into the compressed patch it will grip some of it and, on being removed, will bring some of the patch with it, loosening the remaining portion. Two or three trials and you have all of the patch and NO DAMAGE to the bore, the body of the screw being larger than the threaded portion.

Bullets can be removed in the same manner except that it is best to turn the rod with a breast drill. Power tools are too fast for this kind of work and lack the necessary sense of feel.—PAUL R. DODGE, Yreka, Calif.

HOMEMADE ARBOR PRESS

This sketch is my idea of a reloading tool which could be built from the front axle of an old-model automobile. The weight and strength of the tool make it desirable to those who could not find these factors in commercial products. Leverage ratio, adaptation of dies, etc., can easily be figured by those who have access to tools to build it.



Sketch of a reloading tool made from the front axle of an old-model auto

Some of the reloading clan might want to build an extra-heavy tool for reshaping cases, or swaging bullets.—LOUIS DZUBAN, Bound Brook, N. J.

Answer: The idea of the homemade arbor press does seem quite practical. I would prefer a method reversing the operation, that is, with the handle moving in a downward motion instead of lifting. I believe the thing could be turned upside down and still weld the unit base as you have done.—A. H. B.

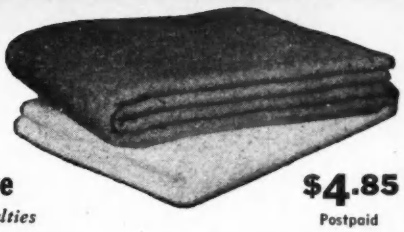
ANOTHER ENFIELD MAGAZINE ALTERATION

To prevent blunt-nosed bullets from jamming when fed from the left side of the magazine, I braze a flat piece of 1/16 x 3/16-inch steel to the inside of the right hand corner of the magazine just ¼ inch back of the front end.

This guide extends above the magazine to the shoulder on the action. The top of the guide must be bent inward to conform to the shape

Bean's Cottage Blanket

25% wool. Size 72" x 90". Weight 3¾ lbs. Especially adapted for Tenting, Hunting and Fishing Camps. We consider this an extra good value. Color: Olive Drab. Price $4.85 postpaid.



L. L. Bean, Inc., Freeport, Maine

Manufacturers Fishing and Camping Specialties

$4.85 Postpaid

ARMY AUCTION BARGAINS

Krag rear sight, new, each	$1.00
Krag gun sling, used, each	.30
Cartridge belt, double row, cal. 30, each	.60
Cadet cart. box, black, each	.30
Shotgun nipples, each	.25
Revolver holster, black, cal. 38, each	.45
Mauser rifle book, Mod. 98, each	.45
Angular bayonet, cal. 45, each	.90
Lead ladle, 6½ in. bowl, each	1.80
Flint pistol barrel, rusty, each	.75
Flints, assorted, for	1.00
Gun screwdrivers, assorted, for	1.00

Include stamps for postage. Prices do not include postage. Articles shown in special circular for 3¢ stamp. 1945 catalog, 308 pages, over 2,000 illustrations, mailed in U. S. for $1.00.

FRANCIS BANNERMAN SONS
501 Broadway New York 12

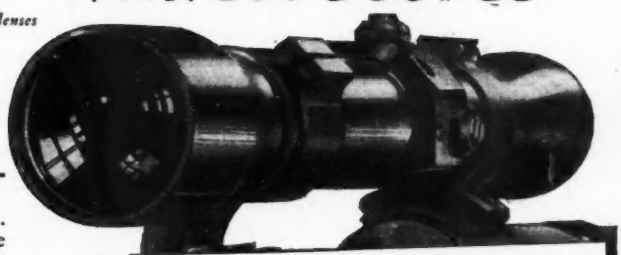
JORDAN
MULTIPLE RELOADING PRESS
Write for our pamphlet & price list
CAMERON MFG. CORP.
Box 309, Emporium, Pa.

BIG coated lenses that let in lots of light . . . a *real quality scope!*

The scope you mount on your rifle has to be big enough to do the job you expect of it—has to have big lenses that let in lots of light; and still it has to be light in weight so you can carry it all day over rough trails. That requires quality manufacture and intelligent design—and that's what you get in the WEAVER K2.5 and K4. See these quality scopes at your dealer's; put one on your favorite gun.

Model K4 (4X) **$52.50**
Model K2.5 (2½X) **$45.00**
Both with coated lenses

K2.5 and K4
WEAVER-SCOPES



WEAVER-CHOKE
Reduces recoil... lessens muzzle blast...gives more uniform patterns.
With two choke tubes.... **$10.25**
Attaching . **$3.50**
Complete. **$13.75**
Installed on your gun.

Please send me your folder describing the K Model Weaver-Scopes ☐, Weaver-Chokes ☐.
NAME
ADDRESS
CITY STATE
W. R. WEAVER COMPANY
★ DEPARTMENT 1 EL PASO, TEXAS ★

Detroit Public Library

"PACIFIC" RELOADING TOOL

The Leader

More than 10,000 in use. You must have something good when you have that many satisfied customers. You too will be a "Pacific" booster as soon as you have loaded a hundred shells.

Super Reloading Tool $34.50
Standard Reloading Tool 27.50
(Same dies and attachments are used on both tools)

IMPORTANT—Due to the tremendous number of orders received for "Pacific" Tools, there will be a delay in delivery.

PACIFIC GUN SIGHT CO.
353 Hayes St., San Francisco (2), California

PACIFIC GUN SIGHT CO.

ON TARGET FOR THE '47 SEASON

FECKER SCOPES

WITH THE FECKER 1⅝" SCOPE

Plenty of illumination, variety of powers 10X to 24X, coated optics, high resolving power. Tops in the target field.

FOR THE VARMINTEER—the new Woodchucker. Light, streamlined, 16" length, large 1.2" objective, dehorned mounts, 4X, 5.5X and 7X. Ideal for that new varmint rifle.

A GOOD RIFLE DESERVES A GOOD FECKER SCOPE

J. W. FECKER, INC. 2016 Perrysville Avenue Pittsburgh 14, Pa.

"SPORTSMAN"
STOCK BLANKS
(Semi-Inleted-Walnut)
MAUSER - ENFIELD - SPRINGFIELD - KRAG

$7.50 PREPAID

THE SPORTSMAN SHOP
GREELEY, COLORADO

✦ ANNOUNCEMENT ✦

We are bringing out a complete line of reloading equipment, which is more modern and scientifically designed than anything now on the market.

Reloading Tools	Lubricators & Sizers
Powder Scales	Loading Blocks
Powder Measures	Outside Funnels

Outside funnels fit over the outside of the cases, and are extremely valuable for small cases, as they permit the powder to flow freely.

POWDER SCALES, FUNNELS, AND LOADING BLOCKS ARE AVAILABLE NOW; OTHER ARTICLES, JULY 1ST. SEE JULY AD.

MASTER MFG. CO.
Sta. "O", Box 26 Cincinnati 8, Ohio

SUPER-GLO
$1.00 STOCK FINISH $1.00
IT'S NEW ***IT'S DIFFERENT***
IT SEALS
At your Dealer or send $1.00 for 4 oz. can prepaid

PRECISION BARREL WORK
TWO WEEKS DELIVERY
257, 270 and 30-06
Alterations—Repairs—Bluing

Thompson's Gun Shop
1139 Pearl St. Boulder, Colo.

AUTHENTIC shooting dope and expert "know-how" from England's target champ of 1860. Practical, fascinating for all shooters. Invaluable for muzzle-loaders. Excellent, well-bound reprint of Captain Heaton's rare "Notes On Rifle Shooting." $2 per copy by mail. Order now from Stuart D. Ludlum, Room 502, 391 East 149th St., New York 55, N. Y.

MAKE YOUR OWN

RAMP BAND FRONT SIGHTS FROM SOLID FORGED STEEL BLANKS, $2.00 each, del'd; rough bored 39/64, 75¢ extra. $1.25 each, del'd, as originally forged (with ramp uncut and blade unmilled).

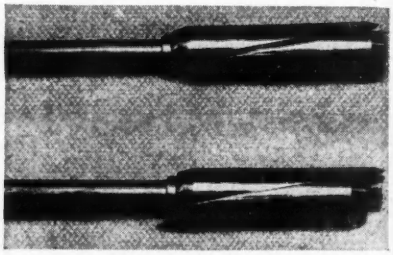
JOHN R. SPEER 7428 Richland Manor Dr. Pittsburgh 8, Pa.

of the receiver. A groove must be cut in the follower to prevent binding against the metal strip. The whole job can be done in a few minutes, and your jamming troubles are over. —J. J. SHEPHARD, Rochester, Pa.

SHOTGUN DENT REMOVER

Alex J. Thill, Camp Simms, Washington 20, D. C., is selling some very good dent removers for shotgun barrels. These expanding wedge-type dent removers are made of hardened tool steel, in three sizes—12, 16, and 20 gauge. The handle is about 18 inches long so that the expanding head can be operated from either end of a shotgun barrel.

Thill recently demonstrated for us his method of removing a dent. The dent remover is placed under the dent and expanded by turning the handle until it fits snugly in the barrel. Then the area over the dent is peened with a light composition hammer.—A. H. B.



Thill's shotgun dent remover, normal (above) and expanded (below)

CZECHO-SLOVAKIAN VZ 24 RIFLE

My son brought me back a gun that looks like a German Mauser, but is not one. It is marked on the receiver as follows: CESKO-SLOVENSKA ZBROJOVKA BRNO, E 26 V.Z. 24.

I can not seem to find any description of this gun in the RIFLEMAN. I would appreciate any information you could give me concerning it.—L. E. DEJA, St. Maries, Idaho.

Answer: Your gun is the Czecho-Slovakian Model 24 Mauser. It uses the regular German 7.9 mm. military ammunition or the 8 mm. Mauser (8 x 57 mm.) hunting ammunition made in this country. A number of these rifles were brought into the country from Japan as well as from Germany. This is a high-grade rifle, the equivalent of the German Mauser.—J. S. H.

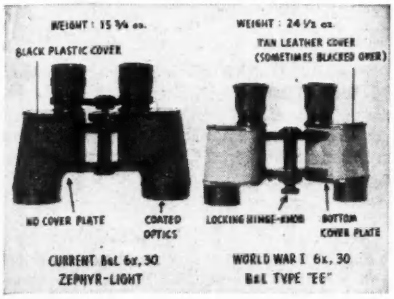
GUNSMITH TRADE DOPE

Bausch & Lomb Optical Company calls attention to the fact that binoculars of their make which are of the old World War I variety called Type EE are being widely offered for sale at prices in the range of $25 to $45. In some cases it is implied that they are offered as surplus from the World War II production, and that they are the equivalent of B & L binoculars of the latest design. Such phrases are used as "built to rigid government specifications," "genuine Bausch and Lomb quality at a fraction of the retail price," "incorporate war-developed improvements," et cetera.

The fact is that these Type EE binoculars

were built in 1917 and 1918 and are surplus from World War I, not World War II. They are still excellent glasses but obviously do not incorporate the latest advances in optical design.

Below we show cuts of these World War I Type EE 6 x 30 binoculars weighing 24½


WEIGHT: 15 ¾ oz.
BLACK PLASTIC COVER
NO COVER PLATE
COATED OPTICS
CURRENT B&L 6x, 30 ZEPHYR-LIGHT
WEIGHT: 24 ½ oz.
TAN LEATHER COVER (SOMETIMES BLACKED OVER)
LOCKING HINGE-KNOB
BOTTOM COVER PLATE
WORLD WAR I 6x, 30 B&L TYPE "EE"

ounces compared with the current B & L Zephyr-Light 6 x 30 binoculars having coated lenses and weighing only 15¾ ounces.

☆ ☆ ☆

The Dealer & Collector, Flushing, New York, has notified us that their subscription rate has been reduced to $1.00 per year, and that those who have subscribed at $3.00 per year will have their subscriptions extended accordingly.

☆ ☆ ☆

Shooter's Specialties, P. O. Box 88, Maywood, California, has sent in samples of the new Clear Sight Telescope Lens Caps. These are flat glass discs of glass in synthetic rubber (neoprene) caps to slip over the front and back ends of the scope. The discs are optically ground so that the shooter can use the scope while these lens caps are in place.

It seems to us these would be excellent protection for the regular objective and eye lenses, particularly coated ones. Obviously these caps will become foggged in rainy weather but they would be much easier to wipe off than would the regular scope lens, and there would be no danger of injuring the scope lens by repeated cleaning of these discs.

The price is $2.95 a pair.

☆ ☆ ☆

Wheelock, Lovejoy & Co., Inc., 250 Marquette Ave., Cleveland, Ohio, informs us that they have barrel steel for rifle barrel makers, available in heat-treated, stress-relieved steel bars. From the reports we have, this barrel steel has been highly satisfactory.

We have had no direct experience with this type of steel for rifle barrels, but apparently it has been tried and found satisfactory by a number of gunsmiths, especially in the Chicago area. The firm invites inquiries.

☆ ☆ ☆

John J. Barich, Jr., 441 Utah St., San Francisco 10, California, is set up to furnish remodeling services to rifle shooters. He specializes in remodeling military rifles, and installs the No. 102 series Redfield sight and also a ramp front sight such as the Sierra. The stock is reworked, gun blued, and the bolt handle altered for low-mounted scope. The average cost for this conversion work is about $35.00. For some stocks without a pistol grip, a new piece of wood is fitted and the

Again Available . . .

BELDING & MULL RELOADING EQUIPMENT

Use the line which has satisfactorily served shooters for more than 20 years. Prompt delivery on all popular calibers.

Belding & Mull Straightline Reloading Tool, Model 28 Imp..... $19.50
Belding & Mull Visible Powder Measure..... 10.00
Belding & Mull Stainless Steel Cleaning Rods, Type A..... 2.50

Ask for free circular on these and other B&M Products now available. B&M Handbook 128-page booklet on handloading rifle and revolver ammunition, 60¢ postpaid.

BELDING & MULL
9 Foster Building
Philipsburg, Pa.

YOU'LL BE PROUD TO OWN

Get this new book on handguns and you'll prize it in your collection. Introducing a new and popular technique of picturing the working parts of firearms, the NRA book stands out as the latest volume on pistols and revolvers. Over 100 drawings that resemble halftones, plus more than 200 original photos, illustrate every basic design of handgun, both foreign and domestic. Limited edition. Price $10.

NATIONAL RIFLE ASSOCIATION
1600 Rhode Island Avenue Washington 6, D. C.

SLING-EZE ARM CUFF

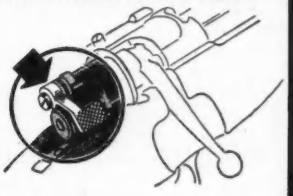
Thanks for the many unsolicited letters praising the **SLING-EZE Arm Cuff** as to results obtained and the quality of material and workmanship. Regardless of whether you are a champion or beginner the **SLING-EZE Arm Cuff** will reduce arm fatigue and add to your shooting efficiency. If your local dealer does not have them in stock, send a money order or check, or easier yet, merely send a card saying ship C.O.D.

Standard Arm Cuff $3.50, Brass Trimmed $3.75, Genuine Hand Tooled $7.00. Sling $3.00, Hand Tooled $5.50. Sold through leading jobbers and dealers, or direct.

B. L. MYERS
SANTA FE BLDG. No. 2 DALLAS, TEXAS

New* SIDE LEVER *Safety

. . . for Springfield, Mod. 54 Winchester and Mauser Rifles.



***Easy* to install . . . use only a screwdriver.**

Fits into bolt sleeve permitting 'scope to be mounted as low as bolt handle allows.

$4.75 POSTPAID

Unconditional Guarantee

D. C. FERGUSON
1337 Ft. Stevens Dr., N. W., Wash. 11, D. C.

Ban-Sect REPELLENT

Insect Repellents 100%. Repels Mosquitoes, Chiggers . . . Flies, Ticks and Gnats.

35¢ a bottle

BAN PRODUCTS CO. MIAMISBURG, OHIO

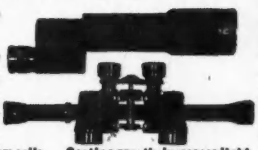
Install-It-Yourself
SCOPE ATTACHMENTS

Finest hard coated lenses. Complete instructions for 29S, 330, 440, K2.5, K-4, Alaskan, Texan, G-8S, and Leupold. Price $16.00. Attachments for all other scopes upon inquiry.

EDWARDS SIGHT & OPTICAL CO.
UNION CITY, IND.
See your dealer or order direct

HOT & COLD HARDCOAT

For Your Optics



Our new ELECTRONIC process permits hard-coating of SPUN-IN lenses without removal from cells. Coating greatly increases light transmission, definition, and reduces glare. Write for details. Have your rifle scope, spotting scope, binoculars and CAMERA optics improved 20% to 50%.

OPTICAL COATING LABORATORY
5807 M St., Hillside Washington 19, D. C.

Trade Guns!

...BY MAIL WITH KLEIN'S

FOR OTHER NEW AND USED GUNS . . . OR FOR TACKLE AND OTHER SPORTS EQUIPMENT

Or Sell For CASH While Your Guns Are Still Worth BIG Money!

Act Now! Don't delay—chances are your guns will never again be worth as much. So why not trade in what you don't need for things you really want—or sell your guns outright for cash? Trading guns by mail with Klein's is so easy. Here's all you do: Write us a letter fully describing your guns, being careful to state condition, and advise if you want cash or merchandise in trade. By return mail we will send you our generous "Cash or Trade" Offer. Remember—we PAY MORE, SELL for LESS because we are America's Biggest Gun Traders. Satisfaction unconditionally guaranteed, or your money back.

GET NEW SPRING AND SUMMER CATALOG AND SWAP LIST OF NEW AND USED GUNS

Klein's Spring & Summer 1947 Catalog features the largest selection of nationally famous rods, reels, baits, lines, etc. in the country — plus outboard motors, camping, golf, tennis and other sports equipment—plus big list of over one thousand available New and Used Guns. Send 25c today for your big catalog—a Catalog Refund Certificate, redeemable for 25c with your first order, is included with each Catalog.

KLEIN'S Sporting Goods

227 TE West Washington St.,
Chicago 6, Ill.

VISIT OUR MAGNIFICENT NEW STORE NEXT TIME YOU ARE IN CHICAGO

TILDEN SUPERIOR MOUNTS are very low, light, strong, heat-treated throughout. Nicely finished.

Scope dismounted by loosening (not removing) one husky screw with coin. Positive re-zero. Adjustable eye relief. Priced at our low prewar levels. Alaskan & Weaver scopes in stock. TILDEN 70 Win. Side Lever Safety (adaptable to 54 Win.). A MUST on low mounted scopes. ENFIELDS NICELY REMODELED AND BLUED.

Improved Mauser Scope Safety for lowest mounted scopes; locks bolt. "FIRE" shows when safety is off; easily installed, $5. Approx. 1,000 flannel patches, $1 postpaid. Houghton famous Bluing Salts 25¢ lb. Wonderful buffing wheel polish, nearly 3 lb. tube, $1.50. Circulars available.

TILDEN MANUFACTURING CO., 2750 N. Speer Blvd., Denver 11, Colo.

WHY HAVE A SORE FACE AFTER SHAVING?

Use an Ingersoll Stropper so you never have dull, scrapy blades, but always get a quick, comfortable shave! Customers report 100 clean comfortable shaves to the blade. Save $5.00 to $10.00 a year.

Send $2.00 for the De Luxe Ingersoll Stropping Outfit—10-day trial—money-back guarantee. Name razor used.

MARVAL INDUSTRIES

17 JOHN STREET DEPT. R NEW YORK 7 NEW YORK

entire stock reshaped and refinished. The photograph of his work indicates a nicely finished stock.

☆ ☆ ☆

H. & M. Tool Company, 25608 Pickford Road, Detroit 19, Michigan, is supplying gauges and precision reamers for those interested in chambering barrels to take the .219 Donaldson-Wasp case.

☆ ☆ ☆

Frank J. Wahl is opening his new store at 76 West Main Street, Bogota, New Jersey, about May 1. The store will be devoted entirely to guns and shooting equipment, and will handle gun repairs, stock alterations, and sight installations.

☆ ☆ ☆

Sam Tekulsky, 176 West 87th Street, New York City, New York, has purchased all rights and privileges to manufacture the scope stand designed by J. Whitaker. He tells us that he is starting production immediately.

☆ ☆ ☆

J. E. Bradley, formerly located at Chula Vista, Calif., has moved to new quarters with an enlarged shop and modern equipment. The new address is 631 W. Market St., San Diego 1, Calif. He is equipped to chamber for forty-two different calibers. Also, he writes that he now has permission from J. E. Gebby to stamp "Varminter" on the .22 Varminter headspace gauges he makes, and that Gebby has approved both the workmanship and dimensions for the gauges.

Mr. Bradley states that of the many .22-250 rifles he has received because they would not give the best accuracy, all but one had short chambers. After rechambering and headspacing they then performed very well. With special bore and groove diameter, and some remodeling work on the M70 Winchester and Model 1903 rifles, Bradley states he will guarantee one-minute accuracy for the .22 Varminter.

☆ ☆ ☆

The Colt's Patent Firearms Manufacturing Company, Hartford, Conn., has announced the change of the company name to **Colt's Manufacturing Company,** effective April 24, 1947.

☆ ☆ ☆

M. M. Schmidt advises us that he has bought out Davis (formerly of Schmidt & Davis) and in the future the firm will operate under the name of Schmidt Precision Products. The address is 3347 San Fernando Road, Los Angeles 41, California. Mr. Schmidt features an excellent grooving tool for bedding the stock in the forearm and special heavy-duty mainsprings which are important when making a shorter striker travel for rifles like the Enfield, Springfield, and Mauser. The grooving tool is one of the very best.

☆ ☆ ☆

D. A. Lanagan, 1046 37th Street, San Pedro, California, is equipped to furnish reloads in customers' cases and can form most cases for customers at reasonable cost.

☆ ☆ ☆

J. Bushnell Smith of Smith's Custom Loaders, Middlebury, Vermont, states that he now has the 8-S .22 bullets again and can reload .22 varmint cartridges if the customer can furnish the fired cases.

THE ARMS CHEST

GENERAL REQUIREMENTS APPLICABLE TO CLASSIFIED ADVERTISING

1. Rate: 20 cents per word including name and address—minimum charge $3.00. All advertisements must be accompanied by remittance, made payable to "National Rifle Association"—1600 Rhode Island Ave., Washington 6, D. C.

2. Closing Date: All advertisements must be received by not later than the 1st of the month preceding date of issue. (Example: the 1st of June for the July issue. Ads *received* after the 1st of June *and not later than the 1st of July* will be inserted in the August issue.)

3. Who May Advertise: Any individual or firm whose advertisements and methods of doing business meet our requirements may advertise their goods or services in the ARMS CHEST.

4. All Orders Subject to These Conditions: WE reserve the right to edit all copy to conform with our standards and to reject or discontinue any advertisement which we consider undesirable.

5. Transactions Based on Good Faith: ARMS CHEST transactions are based on good faith and mutual satisfaction. Deliberate misrepresentation, disregard of usual business ethics or the attempt to circumvent these general requirements, when brought to our attention, will result in refusal of further advertising and might result in disbarment from the NRA in the case of members.

6. Blind Ads Not Acceptable: Box number or blind ads will not be accepted. Give your COMPLETE name and address, to insure prompt delivery of all mail or telegraph replies.

7. How to Count Numerals, Etc.: Groups of figures are counted as one word (example: .30-30, 250-3000, $150.00, $1.50). Abbreviations consisting of initials or single characters likewise are counted as one word (example: W. H. Smith; H. B., meaning heavy barrel; HP., meaning high-power). Hyphenated words are counted as two words (examples: 20-gauge, pearl-handled, no-slip).

8. Responsibility for Illegible Copy: Type or print advertisements plainly, as we can not be responsible for errors due to illegible writing.

9. Firearms for Sale or Trade Must Be Properly Described: The *condition* of every gun (including essential parts) advertised for sale or trade, *must* be specified according to *NRA standards*, as follows: PERFECT—meaning factory condition; EXCELLENT—meaning new condition, implying negligible amount of use; VERY GOOD—meaning practically new condition; implying little use, with no appreciable bore wear and only minor surface scratches or wear; GOOD—meaning moderate use with some finish worn off, only moderate bore wear, with no pits and nothing worse than a little roughness in the bore; FAIR—meaning no parts missing necessary to use of gun, reasonable wear inside and out, nothing worse than minor pits in steel or stock, gun sufficiently accurate for hunting. POOR—meaning marred appearance and pitted or badly worn bore.

10. Definite Prices Must Be Stated: A specific price must be stated on all items offered in FOR SALE and SELL or TRADE ads—except that the phrase "write for catalog" or "write for price list" may be used when listing merchandise in quantities.

11. Non-Specific Phrases Barred: Phrases such as "highest" or "top prices paid," as well as any other so-called "auction-type" phrases are not acceptable. The terms "fair price paid" or "state price wanted" may be used.

12. Requesting Privilege of Examination: We *insist* that purchasers desirous of examining merchandise before acceptance request shipment by express C. O. D. with examination privilege. This procedure permits the purchaser to inspect the merchandise *in local express office* and authorizes the express company to return unsatisfactory merchandise at shipper's expense.

13. "Outlawed" Firearms Cannot Be Sold: Federal statutes forbid the sale or trade of all machine or submachine guns; sawed-off rifles and shotguns with barrels of less than 18" and Mauser and Luger auto pistols *with holster stocks*—except by a Federally licensed dealer who has paid the special tax required by Section 3260, Internal Revenue Code.

FOR SALE

LARGE COLLECTION OF AMERICAN AND European antique arms. Send 25 cents in coin for our 14th edition catalog featuring the Brown collection of Kentucky rifles. We buy whole collections or single pieces. Fair prices paid. Kimball Arms Company, Woburn, Mass. tf

ELECTRIC BLUING ELEMENTS. 5000 WATT, 220 volt, 38" tubular emersion type heating elements for your bluing tanks. Clean, efficient, save space, and economical. Richard J. Watt, 440 South 96th, Tacoma 4, Washington. 6-47

A SERIES OF BULLETINS OFFERING BARgains in modern rifles, shotguns, pistols, revolvers, being issued through 1947, 25¢. House of Guns, Alpine Place, Kearny, N. J. tf

AUTHORITATIVE BOOKS ON FIREARMS, gunsmithing, wild life, etc. New publications. List stamp. Small fireproof chests, wall safes, with combination locks. Factory service. Langguth, 1901 Taggart, Boise, Idaho. 7-47

HAVE PURCHASED AN OUTSTANDING COLlection of American long guns, sporting and military. Antiques, no moderns. No lists. Send want list. Wm. M. Locke, 3607 Ault Park Road, Cincinnati 8, Ohio. 6-47

LEATHER SCOPE COVERS, REGULAR $1.50. No Stith covers yet, dealers write. Custom made leather sporting goods. Collins Gun Shop, Mullan, Idaho. 6-47

AMERICAN, GERMAN, JAPANESE AMMUNItion. Stamp for details. George Bjornstad, 1626 Fargo Ave., Chicago 26, Illinois. 6-47

NEW GUNS, SCOPES MOUNTS, RELOADING tools, powder, bullets, primers, gun books, etc. Large illustrated and descriptive catalog showing many items and latest prices including over twenty pages on Winchester firearms; postpaid for $1.00. Louis Ringuette, Grants Pass, Oregon. 9-47

CAPTAIN HEATON'S BOOK NOTES ON RIFLE Shooting worth much more than its $2.00 price to any shooter. Wonderful reading. Wonderful muzzle loading target dope. Just downright wonderful. And that goes for the Shooter's Calendar for 1947. $1.00. Check this ad and act on it. And while you're writing, send along ten dollars for a copy of "The Kentucky Rifle." You'll never regret it. Stuart D. Ludlum, 391 East 149th Street, New York 55, New York.

TWO PERFECT B.S.A. MARTINI'S .22 L.R. Hubalek special barrel, vavers, Circassian custom stock, weight 12 lbs., $150.00. Imperial nickel steel barrel, vaver front, Perker Hale rear, custom stock, weight 10 lbs., $125.00. M. O. B. Gerdy, 1628 East 23rd Street, Brooklyn 29, N. Y.

CORRECTION: THROUGH PRINTER'S ERROR price $3.50 per box, 8mm. custom loads, was incorrect. Price should be $3.95 per box. Thos. Higgins, 3 Stratford Avenue, Trenton, N. J.

GUNS, GUNS, ALL KINDS, FLINTLOCKS TO automatics. Loading tools, supplies, parts, ammunition. 5 big price lists 10¢ each. Geo. Brullesauer, 3957A Castleman, St. Louis 10, Missouri. 12-47

QUICK-WAY BULLET PULLER FOR PACIFIC, Universal or Easton tools now made in two sizes. .22 to .27 caliber or .27 to .35 caliber either size complete $4.00 both sizes $6.00. Al Streich, 535 East 12th, Casper, Wyoming. 6-47

WE BUY, SELL, TRADE SHOTGUNS, RIFLES, revolvers, ammunition, outboard motors. Scaramuzzo, 601 South Halsted, Chicago 7. tf

BUILD YOURSELF A CAPLOCK SPORTER. You need only an old 45-70 Springfield, one of our new muzzle-loading barrels, and a few accessories. Descriptive details and list on request. (Stamp please.) James Serven, Santa Ana, California. tf

COLT DRAGOON PISTOLS. THE STORY COLlectors wanted. Second of the Serven-Metzger series, this monograph is packed full of photographs and facts beginning with the Whitneyville-Walker pistols of 1847. Describes all the models, contains much important and entertaining data heretofore unpublished and pictures many of the finest pistols known. Contains 56 pages, 74 plates, size 8½ x 12. Information given on accessories alone is worth the cost $3.00 postpaid. Carl Metzger, Publisher, 2305 Canton St., Dallas 1, Texas. 6-47

WINCHESTER RIFLES, LEVER ACTION, model 65, repeating rifles, caliber 25-20, 22" barrel, brand new, $63.95. Remington, bolt action, target rifles, model 513TR, .22 caliber brand new, $53.50. Remington Gamemaster model 141 pump action rifles, caliber 35, brand new $95.60. Remington model 81A Woodmaster, .35 caliber auto-loading rifles, brand new, $120.00. Used carbines—Winchester model 95, caliber 30-06, good condition, special $49.50. H&R Reising, .22 caliber model 65 auto-loading rifle, brand new, $57.50. Japanese military rifles .31 caliber as issued, excellent condition $20.00 each. German 8mm. Military rifles World War #2 as issued model 98 excellent condition $39.50. Remington model 11A Sportsman, 12 and 16 gauge, brand new, $94.00. Savage, model 720, 12 gauge auto-loading shotguns, brand new, $89.50. Forward money order. No C. O. D. shipments. All merchandise ready for immediate shipment. Public Sport Shops, Dept. R75, 13 So. 16th Street, Philadelphia, Penna.

SHOOTERS—EXPERIENCED OR BEGINNER, keep your targets neat and tidy; patch the holes with Razorback Kurve-Kut target pasters; 500 pasters to the roll in handy dispenser box; Black-White-Buff. Ask your dealer or write direct to Razorback Target Pasters, Route #2, Fayetteville, Arkansas. tf

ORTGIE FIRING PINS $1.25, SPRING AND guide pins 35¢ each, .25 or .32 caliber. Sim Sales Company, 3415 No. Hoyne Ave., Chicago 18, Illinois. 6-47

AMMUNITION NEW AND USED SHOTGUNS, rifles, revolvers, pistols, fishing tackle, list 10¢. Dept. N. R., Rudolphs, Atchison, Kansas. 12-47

$1.00 DELIVERS HANDSOME SOLID BRASS rifle rod outfit, postpaid. Includes patch tip, one finest quality phosphor bronze brush, one soft bristle. State caliber desired, .410 also. Same except two piece jointed rod, canvas kit, $1.25. Woodford Mfg. Co., Lyndhurst, Ohio. tf

PRICE LIST OF MODERN GUNS AND AMMUnition for stamp. Robert Pease, Washington Street, Meadville, Penna. 6-47

LOADING TOOLS, BULLETS, POWDER PRICES on application. G. D. Hoover, 2227 Inyo Street, Fresno, California. 6-47

Quarter Million Kinfolk!

You are tribesmen of a constantly growing clan of "gun bugs"—now over 250,000—bound together by a companionship of interest in a healthy hobby.

Some of you are newcomers—to whom your fellow members extend a hearty handclasp of welcome, and good fellowship!

One of the things we all hope you will most enjoy, during the coming years, is the friendships you will make through correspondence, growing out of responses to "Arms Chest" ads.

But—these friendships will flourish only if all your dealings are in the spirit of fairness and true sportsmanship. We especially invite your thoughtful attention to paragraph 5 of the general regulations at the top of this page.

For the August issue your "copy" instructions must reach us not later than July 1st.

BLU BLAK

Lynx Line

America's Supreme Gun-Bluing Process

GUNSMITHS . . .
Here's GOOD News!

BLU-BLAK is available *now* to the leading gun-shops in every community under a *Certificate of Franchise, with exclusive and valuable* features that represent real advantages for you.

Every progressively minded gunsmith will want to take advantage of this remarkable business-building opportunity.

Wide-awake gunsmiths, aware of the dollar and common-sense value of this exclusive gun-bluing arrangement are already benefiting under the **BLU-BLAK** Franchise.

Shops now using **BLU-BLAK** are reporting business increases of 100% and better.

"Since I announced my **BLU-BLAK DELUXE** service I've had to set up another polishing bench to handle the guns that are pouring in. My 5-gallon tank of **BLU-BLAK** solution *still is good after bluing 150 guns.*"—**Ben Bjalme, Ben's Gun Shop,** Port Matilda, Pa.

EACH DAY'S DELAY MEANS THAT DAY'S LOSS of BLU-BLAK profits. Prepare *now* to meet the demand for **BLU-BLAK Service** from the readers of *this* magazine, and other gun owners of your community.

"Not only do you have the finest gun-bluing process in the country . . . your knowledge of gun bluing, combined with other service and products you offer, *is the best help we've ever had.* It is a real pleasure to say a good word for you . . . and for your products, the absolute TOPS."—**Jim Schomberger, Gunsmith, Plymouth Sporting Goods Shop,** Plymouth, Mich.

35 lbs. BLU-BLAK, makes 4-plus gals.	**$16.50**
70 lbs. BLU-BLAK, makes 8-plus gals.	**31.00**
1 gal. "RIO" Finishing Oil, rust-inhibiting, $3.50, 5 gals.	**15.00**
PREKLEEN, to make to 20 gals. cleaner	1.00
BUFFING COMPOUND, greaseless, 120, 200, 240 grit, 2 to 2¼ lbs., each	1.00
PeeDeeQ Rust remover, old-blue remover, and re-bluing accelerator for case-hardened parts, 1 pint makes 3 to 5 pints	1.00
IMPERVIUM . . . Liquid plastic gun-skin . . . brush on . . . dries elastic skin-tight . . . gives perfect protection. Peels off. 1 Pint	3.00
THERMOMETER, in nickel-silver support frame	1.75
RUBBER GLOVES . . . Finest quality, seamless, 14-inch gauntlet, black, in small, medium and large sizes, a bargain at, pair.	1.25
APRONS . . . Save your clothes with one of these tough plastic aprons, resistant to almost everything. Needed by every gunsmith. Size, 36" x 42" long	3.50
FACE SHIELD . . . Clear plastic . . . gun-bluing necessity . . . prevents burns . . . saves eyes. Covers face	2.25
TRUED FELT BUFFING WHEELS . . . White.	
6" x 1" x ½" Soft	$3.00
6" x 1" x ½" Medium	4.00
6" x 1" x ½" Hard	4.00
8" x 1" x ½" Soft	$4.50
8" x 1" x ½" Medium	6.00
8" x 1" x ½" Hard	6.75
SUPERBA STOCK FINISH . . . New, different, saves time & labor. 1 Pint	3.00

Gunsmiths' letters *next* month . . . and *every* month. I'll be proud to welcome *you* into the *Circle of BLU-BLAK Enthusiasts.*

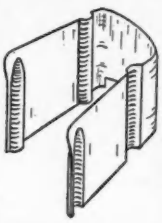
H. TOM COLLORD, Pres.

BLU-BLAK Shops Are BUSY Shops

PROTECTIVE COATINGS, INC.

Box 3985-AR Detroit 27, Mich.

BULLET POINT PROTECTOR



Shooters who want the maximum accuracy from their ammunition will welcome this new improvement for their rifles.

Because the recoil of high-powered rifles forces the ammunition in the magazine against the forward wall, deforming the bullet points, the Bullet Point Protector is a necessity when soft-nosed bullets are used. It also keeps the Pointed-Expanding type bullets from being loosened or deformed.

By installing the Bullet Point Protector in your rifle, the last bullet in the magazine will be as perfect and accurate as the first.

We offer it only in the following rifles and calibers: In Mod. 70 Win., .30-06, .270, and 7MM. In the Enfield, .30-06, .270, .257, .220 Swift, and 7MM. In the Mauser, 8MM., .30-06, .270, .257, and .220 Swift.

Bullet Point Protector will be available for other bolt action rifles soon. **Easily installed. Price postpaid, with directions, $1.50.**

Quantity discount to dealers.

FLOYD F. HELD CULDESAC, IDAHO

10X Imperial Coats	**$13.00**
10X Skeet Jackets	**8.50**
8X Unertl 1" Coated Scopes, new	58.00
6X Unertl, 1" Coated, excellent	50.00
10X-12X Unertl 2", new	125.00
10X Fecker 1⅛", new, coated	70.00
B. & M. Powder Measures	10.00
Pacific Powder Scales	8.50
White Line Recoil Pads	3.00
W. L. Non-slip Butt Plates	2.00
Pacific Dies—38 S.P., 7m.m., 300S-22 H	11.00
Hollywood Dies, 22-250, 270, 30-'06, 220S, 250 Sav.	12.50
G.I. Work Sox, size 12, 4 pr. for	1.00
New G.I. Pants, O.D. Wool 28-29-32	5.95
New O.D. Wool Shirts, 15 x 32	3.95
New Mess Kits—Canteen with Cup, ea.	.75
New Mountain Jackets, size 38	7.95

25 Pr. Used Binoculars.

Stamp for List.

AURAND'S (Open Evenings)

229 E. Third St. Phone 3406 Lewistown, Pa.

THROWING KNIVES

Perfectly balanced, handcrafted. Made from finest cutlery steel and electrically heat-treated. Each knife fully polished and keenly sharpened. $1.50 ppd.

Complete, illustrated book—"ART OF KNIFE THROWING"—$1.00 ppd. ***No C.O.D.'s, please.***

F. B. STARK, 1718-A Walnut St., Allentown, Pa.

ROUND TARGET PASTERS

Will cover 22-38-45 cal. holes. Box 1,500, 750 white—750 black, $1.00. Compact, neat and economical. Send 6¢ in stamps for twenty samples of each (black and white).

FRED NEUBAUER, 2921 Markley Ave.

Baltimore 14, Md.

CANADA'S LARGEST GUN LIST OFFERING singles, doubles, over and under, combination guns, 25¢ in coin. Modern Gun Shop, 3006 Danforth Avenue, Toronto, Ontario, Canada. 9-47

COLT DRAGOONS, COLT 1855 REVOLVING rifles, flintlock Kentucky and squirrel rifles, price list 10¢, stamps. E. C. Ward, 604 North Verdugo Road, Glendale, California. 7-47

ALWAYS A GOOD STOCK OF COLLECTORS arms and visitors always welcome. House of Guns, 34 Alpine Place, Kearny, N. J. tf

NEW PRISM BINOCULARS, IDEAL FOR HUNTING, complete with leather case, 8 x 25 $45.00; 8 x 30 $49.50 plus Fed. tax. New H&R Sportsman .22 caliber target pistol. Reg. price $49.95, we sell for $44.95. Brand new light-weight fishing boots, prewar quality, olive drab. Ladies and men's sizes, $8.75. Perrine Free-stripping automatic reels, #30 (reg. price $8.00) our special price $7.20; #80 (reg. price $9.75) our special price $8.75. Write for free 1947 fishing & hunting catalog. Gart Bros. Sporting Goods Co., 1643 Larimer St., Denver 2, Colorado. 6-47

SERVICEABLE, USED, SINGLE ACTION COLTS parts, hammer $2.50; trigger $1.25; ejector head $1.25; hand with spring $1.50; trigger guard $2.50; screws 25¢ each. 20 shot magazine for 30-06 Springfield $6.25. .22 (short) supplemental chambers, M1903 Springfield $1.25 each, 6 for $6.25. B. K. Wingate, 470 Parkway, Trenton, N. J. 6-47

BULLETS—.30 CALIBER 172 GRAIN 9° BOAT-tail M1 $30.00 per thousand F. O. B. San Bruno. No orders less than one thousand. J. W. McPhillips, 285 Mastick Ave., San Bruno, California. tf

J. V. NEEDHAM 12 GA. DOUBLE, 30", R CYL. L. choked, barrels perfect in, good out, stock slightly figured light walnut. Mechanically perfect, double triggers, ejectors. Full leather cover, brass corners, oak trunk with Greener oil can, ebony cleaning rod. Greener label on trunk, stamped E. E. Price. Rib engraved J. V. Needham, Love Bay St., Birmingham. W. W. Greener 12 ga. double 28" R. 734, L. 703, nitro proofed, EH 25 grade, auto ejector. Excellent in, fair out, leather bound canvas covered oak Greener case. Mahogany cleaning rod. Engraved W. W. Greener, Maker 40 Pall Mall, London S.W. Works, St. Mary's Square, Birmingham, $875.00 for both. W. H. Stombock, 3278 M St., N. W., Washington 7, D. C.

20 GA. DOUBLE, GRADE 4, MADE BY ADAMY Bros., imported by Sloan, 28½" barrel, full, automatic ejector, Circassian walnut stock, capped pistol grip, bone guard. Drop 1¾ x 2 x 14. Weight 6¼ lbs., beautifully engraved. Excellent or better in and out, price $300. Frank Pugliese, 2829 South Broad St., Trenton 10, N. J.

MARTIN "60" MOTOR, NEW $178.00, DELUXE Wondereel, $14.50, H. I. Stardrag Salt water reel, $7.00, Creels—12-14" with straps $4.00, H.I. Fly rods, governor, $9.95. Cornhill Sporting Goods Outlet, 307 Arthur St., Utica 3, N. Y.

HOLLAND & HOLLAND 500/465 DOUBLE EXpress rifle, 26" barrels, 10 lbs., 6 oz., detachable side locks, pistol grip stock with cheekpiece, Silvers recoil pad, sling swivels, English style two leaf and standard rear sight regulated for 1-2 and 300 yards, Duplex bead front sight. Best quality gun. Built to order. Best quality English trunk case with equipment, spare parts, extra front sights in trap pistol grip cap, 50 cartridges 480 grain bullet, price $685.00. Kirkwood Bros., Inc., 23 Elm St., Boston 8, Mass. Established 1874.

9MM. FLOBERT SHORT BALL RIFLE CARtridges, rim fire, $3.00 per 100. .45 automatic pistol cartridges, late issue, $7.00 per 100 146 grain. 30-06 F.A. Arsenal, 1935 cartridges, full patch, $7.50 per 100. 30-06 Winchester, pointed, full patch, staynless, non-mercuric, cartridges, $10.00 per 100. .303 British metal point Winchester cartridges late issue, $10.00 per 100. .38 Special 158 grain, factory load, $5.00 per 100. .38 Special, factory load 146 grain Wadcutters, $4.50 per 100. .32 caliber long rim fire Kleanbore rifle cartridges, $3.50 per 100. .32 short rim fire Kleanbore rifle cartridges, $3.00 per 100. .25 Stevens rim fire Kleanbore rifle cartridges, $3.00 per 100. .22 caliber automatic rifle cartridges, Kleanbore, for model 03 Winchester, $9.50 per carton of 500. .22 long rifle super match #2, $6.50 per carton of 500. .22 W.R.F. rim fire cartridges, Kleanbore, $9.50 per carton of 500. 30-40 Krag soft point rifle cartridges, $12.50 per 100. 30-40 Krag blank cartridges, $11.50 per 100. 10 ga. blank shot gun shells, $9.00 per 100. All ammunition available for immediate shipment. 50¢ extra charge for all shipments of ammunition as same must be packed in wood container, Interstate Commerce Regulation. Forward money order. No C. O. D. shipments. Public Sport Shops, Dept. R75, 13 South 16th St., Philadelphia, Penna.

BLACK POWDER **for Muzzle Loaders. Western Improved. Best Ever Made; cleaner. By freight, $9.50 a 25-lb. keg.**

MILLER BEDFORD, NEW LONDON, OHIO

BEAUTIFUL S.S. HI-SIDE IMPROVED ZIPPER, by Wurger & Peterson, chambered by Herb Longo. 26" heavy Buhmiller barrel, scope blocks, tang thru receiver, rebushed firing pin, ball finger lever, checkered P.G. stock and forearm, q.d. swivels and sling, 50 loads, fired only by Longo for testing, perfect Varmint rifle $125.00. 8 power Lyman Jr. Target-spot, excellent to perfect, Lee Dot $50.00. 44-40 53 Winchester excellent in, good or better out, custom stock, Lyman receiver, ivory ramp; 44 factory loads, 50 empties, brand new Lyman reloading tool $45.00. 70-2R cases, 150 loads 17½ gr. 4198 50 gr. prewar bullets, $11.50. 36 Colt Navy C&B pistol, #1375 throughout good condition, flask, mould $35.00. Never used Pacific scales $6.00. Very heavy Niedner barrel, fitted to excellent Enfield action by Wurger & Peterson, chambered .257. Precision job, never stocked nor fired, no sights, $50.00. Losing money. You pay the express. Gibson Carr, Guilford, Connecticut.

TELL PISTOLS $100.00 EACH; GERMAN Schuetzens $60.00 to $290.00; fancy single .22 rifles $65.00 each. Custom .22 rifle-shotgun $110.00; .25 autos $30.00; scopes $18.00 to $50.00; all excellent plus, inspection privileges. C. O. DeVolld, Rt. #2, Canton, Ohio.

M70 HORNET, PERFECT IN, EXCELLENT out, 200 factories, case, $120.00. Albert Besler, East Dubuque, Illinois.

RIFLE CLUBS. SPECIAL PRICES ON OFficial N. R. A. Tournament targets. T. G. Crain, 919 Millville Road, Altoona, Penna.

U. S. ARMY LEATHER RIFLE SLINGS, 1¼", fair condition, $6.00 per dozen, good condition, $9.00 per dozen in dozen lots. Samples $1.00 each. All guaranteed usable. Quick detachable sling swivels, new $8.00 per dozen pair. Sportsmen's Supplies, 250 West Bayberry Lane, Upper Darby, Penna.

MAPLE SUGAR—100% PURE. HANDY CAKES for sportsmen. Delicious quick energy. Also "Soft Sugar" wonderful on hot biscuits, etc. Order direct. Postpaid for $1.50 per lb. See my advertisement page 71. The Country Craft Shop, Middlefield, Mass.

PARKER D.H.E. GRADE, 12 GAUGE, $250.00. information on request. Allan Luithle, 34 Alpine Place, Kearny, New Jersey.

SPRINGFIELD BULLGUN, 30" WINCHESTER barrel, custom stock, Hensoldt Dialyt 6 power scope, $185.00. Perfect condition. S&W .45 caliber revolver, 7" heavy target barrel, short action, cock-eyed hammer. King sights, Lucite grips, $85.00. Arthur Treadwell, 500 Zorah St., Oakland, California.

WINCHESTER 75 TARGET RIFLE, WEAVER mounts, K-4 scope Lee Dot, iron sights, and sling, perfect $115.00. Bill Nixon, 103 9th Court W., Birmingham, Alabama.

DEALER & COLLECTOR: ILLUSTRATED World-Wide Firearms Magazine, $1.00 yearly, postpaid anywhere. Dealer & Collector, Box 71CA, Flushing, New York. tf

REVOLVERS, MINERALS, STAMPS, COINS, glass, Indian relics, catalog 5¢. Cowboy Lemley, Las Cruces, New Mexico. tf

CATALOG OF ANTIQUE PISTOLS, REVOLVERS, guns, rifles, edged weapons, armor, accessories, books and antiques, listing over 1200 items with 60 photo plates, illustrating over 850 items for sale in the catalogue, price $1.00. H. A. Brand, 704-G, Ingalls Bldg., Cincinnati 2, Ohio. 8-47

MUZZLE GUN SUPPLIES: NIPPLES FOR rifles, shotguns, pistols and muskets 25¢ each, 5 for $1.00. Stainless steel nipples ¼-28, small opening at top, 3 for $1.00; send old nipple that is to be duplicated. Flints for pistols and rifles, $1.00 per dozen. Percussion caps, 1000 for $3.40 F.O.B. Black powder, 6¼ lb. can $4.00; 25# can $12.50 F.O.B. freight only. Several fine match rifles, $60.00 to $175.00; flintlock rifles $75.00 to $100.00. Squirrel rifles in .32 to .38 caliber $35.00 to $75.00. Hickory ramrods, .38 to .40, .42, $1.00; .48 caliber $1.25. Plastic adjustable black powder measure, funnel $3.25; every shooter of frontier guns needs one of these. Nipple wrenches for rifle, pistol or musket 75¢. Round ball moulds, wood handles, sprue cutters at $5.50 up to .50 caliber; $6.00 for larger sizes. Main spring vise 75¢. New .375 caliber slow pitch barrels, with drum and nipple $17.00. Drum, nipple and clean-out screw combination 75¢. Send old outfit to be duplicated. 17A sights $3.00 57E for M75 Winchester $6.00; Redfield 70M for Mausers $8.50; Redfield 65 front $3.50. Unused percussion lock hammers, 1⅝" reach $2.00; 2¼" $1.75. Will furnish target and loading data with match rifles. Farris & Son, Portsmouth, Ohio. tf

A tisket, a tasket,
I'm gonna have some fun;
Trade this dad blame basket
To Bedford for a gun!

VECTRA RIFLESCOPE

2½ power, approx. 40 ft. field of view at 100 yards. Internal elevation and windage adjustment, eye relief 3 to 5 inches, wt. 7¾ oz., coated lens $29.95

G88 6-POWER SCOPE

45 foot field of view at 300 yards. Eye relief 2 to 4 inches, length 14½ inches, tube dia. 22 MM. (7/8"), dia. of objective lens 32 MM., wt. 16½ oz., coated lens $65.00
with Dot type reticule $73.75

LEUPOLD RIFLESCOPE $50.00
WEAVER K-2.5 SCOPES . . . $45.00
WEAVER K-4 SCOPES $52.50
G88 SCOPES, 2½ and 4½ power $50.00
with Tapered post and dot . . $55.00
LYMAN ALASKAN SCOPES . . $60.00
TEXAN SCOPES $50.00

SCOPE MOUNTS

Griffin & Howe $25.00
Redfield Jr. . from $10.75 to $14.75
Stith Q.E.D. . from $12.00 to $17.50
Type U Weaver . . . . . $ 6.75
Tilden $16.50
King-Pike $17.50
Installation charge quoted on request

CUTTS COMPENSATORS . . . $18.50
(with choice of any two tubes)
Additional tubes, each . . . $ 3.00
Installation on plain barrels . $ 5.00
Installation on ventilated barrels $ 6.00

POLY CHOKES (installed) . . $14.75
Note: send barrel only

PFEIFER-MADE
RIFLE BARREL BLANKS
SOLE DISTRIBUTOR

Pfeifer barrel blanks are made from a special analysis, electro furnace high flash, high abrasion resistant tool steel, heat treated to a tensile strength of 130,000 PSI. Stress relieved before drilling, Rockwell C hardness 25-29, machinability rating 70. Should give little or no trouble with warpage or distortion under normal machining procedure and will in no way harm or wear chambering equipment to any greater degree than previously used barrel steels. Conclusive tests have shown you can expect 50 to 80% longer barrel life than that delivered by ordnance steels. Blank dimensions 28" long, 1¼" diameter.

Calibers 300 and smaller are 6 groove, right hand twist of narrow land and wide groove designed to cause as little finning and deformation of the bullet as possible and still impart perfect accuracy. Calibers above 300 are optional 6 or 8 groove. These barrels are very smoothly cut and require no lapping. For those who must have it blanks will be furnished lapped at an additional charge of $1 each. Approximate 10 day delivery on calibers 22, 25, 270, 7 m/m, 30, 375, and 38-55. Calibers 256, 32, 35, 40 and 45 special order subject to some delay. Special twist subject to some delay.

Price $21.50, F.O.B. Beverly Hills

Discount to dealers and gunsmiths

CRAMER LUBRICATOR AND SIZER

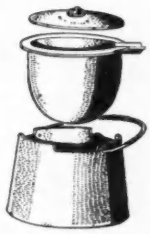
Cast of Meehanite. Ideal for hard bullet metals such as Type metal or Kirksite A. Grease reservoir operates under 300 lbs. pressure, enabling user to size many bullets with one pressure setting (approx. 35 bullets of .38 cal.). All dies are hardened, inside surfaces micro-finished $17.50

CRAMER BULLET MOULDS

Available in following calibers: 22, 25, 270, 7 m/m, 30, 8 m/m, 35, 38 Spl., 45 ACP, in two cavity moulds. 3, 5, or 10 cavity moulds on special order subject to short delay.

2 cavity . . $ 8.50 5 cavity . . $18.50
3 cavity . . $10.00 10 cavity . . $40.00

CRAMER PRESSURE LEAD DIPPER, $ 2.50
CRAMER BIG DIPPER . . . . $ 1.25



CRAMER CAST IRON MELTING POT
3 pc. SET $6.95
25 lb. lead (13 lb. zinc) capacity holds sufficient bullet metal for good results. Gas range melting, as design confines heat to complete surface of pot. Special surface treatment removes impurity danger in using Kirksite A.

SAECO TRU-SPEED PRECISION POWDER MEASURE

Adjustable Rifle Model $12.50
Adjustable Pistol Model $12.50
Extra Drum to combine above . . $ 4.00
Bench Stand . . . . $ 3.25

POTTER ELECTRIC FURNACES
Model C single element, 450 unit . $15.00
Model D double unit, 750 watt, for use with 3-cavity and larger moulds . . . $19.50

PRIMERS (Winchester)
Available in following sizes: 108, 111, 115, 116 and 120 . . . per thousand $ 6.00

20-Power ARGUS OBSERVATION SCOPE

Coated lens to assure sharp image; quick, easy focusing; eyepiece permits use with glasses and goggles. Only 2 lbs. with stand.
Scope $74.50
Stand $8.50

KERR'S

The **Best** *of Everything for the Sportsman*

9582 Wilshire Blvd., Beverly Hills, California

GUNS!

ALL KINDS—NEW, USED

Here is a partial list of our constantly changing stock of guns. Inquire concerning the gun you want and we will give you a prompt reply.

NEW 22 CAL. RIFLES

Make	Cal.	Model	Price
Winchester	22	62	$34.75
"	22	72	25.15
"	22	63	57.50
"	22	61	44.50
"	22	67	11.50
"	22	69	21.50 (peep)
"	22	69	20.60
"	22	75	55.85 (sporter)
"	22	52	138.00 (sporter)
"	22	67	12.85 (peep)
"	22	74	29.90
Marlin	22	80DL	20.05
Winchester	22	75	57.75 (58E Lyman)
"	22	75	45.05 (no sights)

NEW DEER RIFLES

Make	Cal.	Model	Price
Winchester	30	64	$79.75
"	348	71	97.50
"	30	64 Deer	97.65
Marlin	30	36 CAR	55.60
Winchester	220 Swift	70 SE	147.35

NEW SHOTGUNS

Make	Cal.	Model	Price
Winchester	16	21	$203.00
Remington	16	11	94.00
Winchester	12	12	78.50
"	16	12	78.50
"	12	37	16.50
"	410	42	80.45 (M. Rib)
"	12	97	61.50
Remington	20	11	94.00
"	12	11	94.00
L. C. Smith (Field)	12	Double	98.10
Stevens	410	59	24.85
H & R Topper	16	M-48	20.85
Stevens	12ga	107	18.10
Winchester 12, duck	12ga	12	100.95

USED SHOTGUNS, RIFLES

Make	Cal.	Model	Price	Cond.
Winchester	12ga.	1911	$69.00	Good
"	16ga.	12 skeet	75.00	Good
Remington	12(over-under)	32A	145.00	Good
Ithaca	12		150.00	Excellent
Winchester	22	63	44.50	Good
Colt	38-56-255	Pump	35.00	Good
Mauser		98	75.00	Excellent
Savage	22		39.50	Good
Winchester	22	90	23.50	Fair
Stevens	22-410		23.00	Good
Marlin	32-40	1893	35.00	Good
Winchester	32-40	94	30.00	Fair

IMPORTANT!

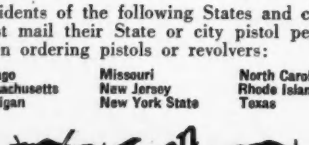
Kindly sign the following statement, which is in accordance with the regulations of the Federal Firearms Act: "I am not an Alien, and I hereby state that I have never been convicted in any court of the United States or any of its possessions of a crime of violence, nor am I at present under indictment or a fugitive from justice."

Signature .....

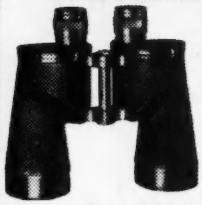
Occupation .....Age.....

Residents of the following States and cities must mail their State or city pistol permit when ordering pistols or revolvers:

Chicago	Missouri	North Carolina
Massachusetts	New Jersey	Rhode Island
Michigan	New York State	Texas



7 x 50 NAVY BINOCULARS $135.00



Coated Optics!

Manufactured to U. S. Navy Standards! (Alignment guaranteed to .001".) Brand new glasses. Dust proof! Climate proof! Individual eye adjustment. Instant focusing. *Coated optics* insure sharp, clear images! Ideal for long-range hunting, yachting, watching planes, etc. This magnificent 7 power 50 mm. Navy Binocular gives better detail, heightening image contrast. Complete with carrying case only $135.00, plus 25% Federal tax.

6 x 30 NAVY BINOCULARS $62.50

Coated Optical

Brand New

Lightweight Model made to rigid Navy specifications. Ideal for hunting, sports, etc. Made by Universal Camera Corp! Complete with case and straps—Similar to picture $62.50, plus 20% tax. *WHILE THEY LAST!*

OTHER BINOCULARS (3 to 16 POWER!)

12x40 Carl Zeiss. Like new	$300.00
10x45 French Monte Carlo. New	135.00
12x35 French Monte Carlo. New	100.00
10x35 French Monte Carlo. New	79.50
10x30 German Binoculars. Used	140.00
9x60 Bausch & Lomb. Coated. Like new	150.00
8x34 French Monte Carlo. New	67.50
8x35 French Monte Carlo. New	67.50
8x35 French. Used	52.50
7x50 German Binoculars. Used	120.00
7x50 Bausch & Lomb. Coated. Like new	135.00
6x30 Carl Zeiss. Used	90.00
6x30 Carl Zeiss. Used	75.00
6x30 Universal. Navy-Lightweight. Used	37.50
6x24 Ross. London. Used	60.00
6x30 Tasco. U. S. Army. Used	27.50
5x40 Nat'l. Field Glass. Coated Optics. New	29.75
5x40 Fox & Stormvedel Field Glass. New	23.00
4x50 Super Eye Field Glass. No Case. New	12.00
4x40 Fox & Stormvedel Field Glass. New	20.00
4x40 Wollensack Field Glass. New	14.25
3x30 Fox & Stormvedel Field Glass. New	4.35
10X-30X-50X-60X Variable Telescope. New	42.50

Add 20% for Federal Excise Tax. Carrying case and straps included. Supply limited. Give second choice.

MONEY BACK GUARANTEE

Use for 30 days at our risk and expense. If not fully satisfied, return for full refund of your money. ORDER TODAY! Send $3.00 deposit and we will ship C. O. D. for balance. Cash orders sent postpaid.

UNITED PRODUCTS CO.
7941 S. Halsted Dept. ARH-109 Chicago 20, Ill.
(Reference Dun & Bradstreet)

SITE•RITE PRECISION CENTER DOT

Trade-Mark

Pat. Pending

Available in floating dot, cross hairs semi-visible & with fine distinct cross hairs for dots 1½" & over. Dot sizes ¾" to 4" at 100 yards. 24 to 48 hour service. All work *unconditionally guaranteed.* Dots installed your scope $7.50, except Alaskan $10.00 & foreign scopes $12.00. New scopes with precision dot for sale; K2.5 $52.50; K-4 $60.00; Texan $57.50; Alaskan $70.00. All target scopes at list price plus $7.50 for dot. Nylon Cross Hairs—Single $6.00; Double $8.00. Scopes Repaired & hard coated. Send for estimate. *Send all scopes by Registered Mail.*

All popular mounts at list price.

ARTHUR R. MYERS 410 BOND BLDG. WASH. 5, D. C.

New Designs in FRANZITE GRIPS

Modernize YOUR GUN! Improve YOUR SCORE!

Most durable grips made. Positively unbreakable! For Colt, Smith & Wesson, Hi-Standard, Ortgies, Luger and Mausers in a wide choice of beautiful designs in ivory, pearl, walnut, onyx, etc. Low prices. FREE CATALOG. Dealers Wanted.

Sports Inc. (Mfrs.), 5501 Broadway, Dept. A-6, Chicago 40, Ill.

NEW SPRINGFIELD BARRELS

CHAMBERED. 30-06, 4 lands, right twist, in white metal, no rejects, guaranteed absolutely new. **$10.85** each

Special to GUNSMITHS—6 for $55.00; 10 for $90.00; case 25, $220.00. F.O.B., M.O., Ck., C.O.D. NEW 30-06 Mauser or Krag, 23" length barrel, $14.95 ea.

H. C. OSBORN 10th & Ave. B, Box 1267, San Antonio, Texas

U. S. MILITARY FIREARMS, 1776-1946. BASIC book for collectors, illustrated by 88 full page plates, price $6.00. James Hicks, 428 Rich, Mount Vernon, N. Y. 12-47

USE THE NEW GAS PROOF GUN WAD FOR mild recoil, close even pattern, unusually long range, $4.00 per M. Packed in 1000 lots, 500-⅜", 250-½C 250 thin C, send remittance. E. G. Snyder, Rt. #2, Reading, Penna. tf

ILLUSTRATED 174 PAGE CATALOG OF ANtique firearms and edged weapons 50¢. Robert Abels, R-860 Lexington Avenue, New York 21. 1-48

RELOADING LUBRICANTS: IPCO COLLOIDAL graphite ribbon wads, $1.00 box; Ipco bullet lubricant $1.00 box. Special discount to dealers. Industrial Products Co., W. W. Perkins, Prop., Box 14, Wakefield, Mass. tf

CASWELL TARGET CARRIERS GIVE THE shooter every possible point because they hold the target steady and require no exertion to operate. Fully equipped with speedy ball-bearing pulley wheels and target holders for every type of indoor paper rifle or pistol targets. Caswell Target Carriers, Anoka, Minnesota. tf

INVENTORS: WRITE FOR FREE BOOKLET explaining how you may secure greatest profit from your hunting, fishing or other sports inventions, patented or unpatented. Institute of American Inventors, Dept. 131, 1926 Eye St., N. W., Washington 6, D. C. tf

SPERM OIL SHIPPED ANYWHERE IN U. S. postpaid $1.00 pint, $5.00 gallon. Pend Oreille Sport Shop, Box 168, Sandpoint, Idaho. 6-47

SPECIAL GUNSMITH SCREW DRIVERS, SET of 9 spring-steel drivers ⅛" x 2" to 5/16" x 10" blades. Guaranteed not to chip, gun grip handles. shipped to any member on approval, $4.50 postpaid. E. C. Grace, Elk Rapids, Michigan. tf

.45-70-500 SMOKELESS CARTRIDGES, $1.74 PER box, $8.00 per 100. Headless shell extractor for the Springfield rifle and carbine, 75¢. Rubber slipon recoil pads, for rifle or shotgun, 90¢. Dept. R, Bolin's Gun Shop, 9 Grand St., South Amboy, N. J. tf

ELECTRIC PENCIL: WRITES, ENGRAVES ALL metals. $1.00 postpaid. Beyer Mfgr., 229-Z Dixson Blvd., Uniontown, Penna. 12-47

SHOOTING M.L.'S, TARGET, PLAINS, KENtuckies, shotguns, militaries, collectors antiques, reasonable. Price list, stamp. Hamilton, 1354 Norwood, Chicago 40, Illinois. 6-47

½" X ½" TARGET PASTERS, 2 ROLLS 25¢. black or white. In dozen lots postage free. Bullet lubricant for Star reloaders. 30¢ stick, special price to dealers. Leo Babchin, Dealer in Police Supplies. P. O.Box 215, West New York, N. J. 6-47

NEW LIST OF MUZZLE LOADING RIFLES. Also cap and ball revolvers for shooting. 3¢ stamp please. Kimball Arms Company, Woburn, Mass. tf

WINCHESTER 54 K22 HORNET, GOOD ACcuracy, stock marred, 440 Weaver, 1" & ½" Lee Dots, Stith mount, Tilden safety, sling, crude cheekrest, some empties and loads, $95.00. LeJay electric motor, used 10 hours, bought new last year, $25.00. D. R. Yoho, Watseka, Illinois.

TARGET SHOT GAUGES SPRING MOUNTED 35¢ each 3 calibers $1.00. Shooters Supply, 2313 Diversey, Chicago, Illinois.

1½ SMALL PISTOL PRIMERS BY REMINGTON, late issue, $7.00 per 1000. 10 ga. new primed empty shell cases, 2 9/16" $3.00 per 100. #57 Remington shotgun shell primers, $7.50 per 1000. Web rifle slings, used, U. S. Army good condition, 49¢ each. Gun racks by Stevens, Walnut finished for three guns $4.95 each. The Pequet, walnut finished, self leveling gun rack for four guns, $5.95 each. Forward money order. No C.O.D. Shipments. Public Sport Shops, Dept. R75, 13 So. 16th Street, Philadelphia, Penna.

SPRINGFIELD LOW NUMBER, 40 FACTORY loads, excellent except blue $40.00. W54, 35 Whelen, sling, pad, 48, beauty, perfect $85.00. Tools components available. Fancy Enfield sporter, Flaig stocked, Redfield ramp and peep, tapped Redfield scope, sling, perfect $85.00. Mauser with .22 conversion unit in case, excellent $65.00. Jap pistol, 25, holster, extra pin magazine, 8mm. very good $20.00. Jap carbine, 25 caliber, folding bayonet, very good to excellent $28.00. Remington rolling block, 45-70 shells, very good $20.00. Service 30-06 guaranteed 4¢. E. E. Smallwood, 206 Redman, Haddonfield, N. J.

Yes, Jack and Jill went up the hill,
But not as you were told.
They wanted to deal with Bedford
Before they got too old.

SHOOT WITH A MUZZLE CAP ON YOUR rifle, shotgun, pistol and play safe. Positively keeps bore of firearm free of dirt, moisture, snow, dangerous obstructions under all firing conditions, range or afield. Simple to use. No effect accuracy, breech pressure. Made of Neoprene. This sensational gadget, endorsed everywhere, makes ideal scope cover also. Shooters! Get your seasons supply by return mail. 35¢ dozen or 3 dozen for $1.00 postpaid. State whether for rifle, pistol, shotgun, scope. Woodford Mfg. Co., Lyndhurst, Ohio. tf

MAUSER VARMINTER, HEAVY BARREL, chambered by Vernor Gipson, Bishop stock, new 8X Unertl scope, w/cases & ammo. test fired only $185.00. Leitz 10 x 50 binoculars, coated optics, absolutely perfect $185.00. Mauser .270 sporter, fancy checkered stock, Weaver K4 & Redfield Jr. fired to sight in only, perfect $165.00. H&R Sportsman, like new $40.00. As above v.g. $37.50. S&W model 1917, .45 ACP, excellent $60.00. "My Friend" combination pistol, nickel plated, engraved, .22 caliber excellent $35.00. Colt .45 auto, Harpe accuracy job, w/Sedgley .22 LR insert barrel. 2 clips, holster & ammo. all above excellent $85.00. Genuine DWM Luger .30 caliber, 3¾ barrel, v.g. to excellent, w/ammo. & holster $45.00. G-88 scope, coated, as new $37.50. Weaver K4, coated, excellent $45.00. K2.5 coated $37.50. Want foreign guns, binoculars, cameras, etc. Bob Lockard, 1511 Louisa Street, Williamsport, Penna.

U. S. GOVERNMENT SURPLUS CLOTHING bargains, for Men & Women. Free catalog. N. Y. Clothing Co., Dept. R. 2079 Second Ave., N. Y. 29.

STONE LODGE ON SANDY RUN ROAD IN foothills, heart of State Forest, Clinton County, Pennsylvania, ten miles north of Renovo. Fully equipped for immediate occupancy. Accommodates twelve. Perfect condition interior and exterior. Water within sixty feet. Trout streams. Protection available. August C. Kirn, 2420 Greenmount Avenue, Baltimore 18, Maryland.

COLLECTORS—SHUER DOUBLE ACTION .32 auto—like new $65.00. P.38 excellent $45.00. P.38 nickeled like new, $55.00. MM Luger nickeled good $50.00. Send check, money order. Scotts Sporting Goods, Portsmouth, Ohio.

MODEL 52 H.B. MARBLE GOSS RECEIVER, Lyman 17A, fired 250 times excellent, B&L N.R.A. scope extra eyepiece good $167.50. Model 37 new, Remington sights, forend stop, sling $117.00. Argus scope, good $49.00. Primers, rifle & pistol small and large $6.00 thousand, pistol and revolver ammunition write for price list. Crescent City Gun & Repair Shop, 3924 Prytania St., New Orleans 15, Louisiana.

CAN SUPPLY LIMITED AMOUNT PRECISION loaded ammunition, latest .219 Donaldson Wasp, write your needs. Millard Wood, 1606 Tracy, Endicott, New York.

NEW GUNS, REMINGTON 31A 12 GA. $78.50. Sportsman rib 12 ga. 30" full choke $105.00. Ithaca 37R skeet $91.65. Rifle ammo. available, price list. Black & Decker ¼" drills $20.00. Black & Decker ½" drills $31.95. Bench stands available. Money orders or C.O.D. J. E. Parlett, 621 Radnor Ave., Baltimore 12, Maryland.

PRIMERS REMINGTON, 9½, 6½, 2½, 1½ $6.00 per M. .25¢ packing charge on quantities less than M. F.O.B. Grand Island. Hercules powders, Hi-Vel #2 & #2400 5 lb. keg, $9.35; Unique 4 lb. keg, $9.35, Bullseye 3 lb. keg, $7.65. Speer Bullets .224 cal. 40, 45, 50, 55 gr. $2.80 per C. .257 cal. 60 gr. $3.55 per C. others available as follows: .270 cal. May; 7mm. June; 6.5mm. and .257 July; .30 cal. August; 8mm. Sept. Lyman Jr. Targetspot $62.50; New Remington 513T $53.50; Redfield sights and mounts. Weaver scopes. Send for price list. J. W. Hornady, 324 West Fourth, Grand Island, Nebraska.

WINCHESTER MODEL 40, 12 GAUGE AUTOmatic, Weaver choke with six tubes, carved woods, excellent, 1X Weaver scope. Nichols deluxe case, $150.00. Francotte-Martini .22, new condition, 17A and 48, $115.00. Many other guns and rifles. Price list. H. A. Haskell, Brattleboro, Vermont.

270 WINCHESTER CARTRIDGES, CORE-LOKT $2.85 box, 16 ga. 26" Skeet barrel for Remington automatic, very good, $20.00. .45 Colt single action good $30.00. Dewey C. Richardson, Richlands, Virginia.

52 H.B. NEW, GOSS, 17A, $100.00; VARMINTER Mauser, Buhmiller barrel, new, $90.00; Walther .32, new, $45.00; .45 auto, good, $30.00; .22 auto Stevens-Springfield, new, $30.00; .38-55 Marlin, bore fair, rest good, $30.00; Duo 620 Kodak, German export, F3.5, compur 1/500, $85.00; Goerz 10x50 Stero-periscope w/tripod, optics good, rest fair, $50.00; Direct positive camera, 2½x3½, excellent takes 1 minute photos, $50.00. W. Abbott, Box 185, Wilton, N. H.

AMERICA'S ORIGINAL
BLUING (plating) FIRM
Our experience assures finest work. Tested bluing material. See Classified.
GUN REBLU, Fletcher 1, N. C.

UNIVERSAL Reloading Tools

Shown above, Model A tool Retail price **$47.50***

Marksmen and hunters in all parts of the world find that they can save money and increase accuracy of their shooting by handloading their own cartridges. We manufacture in quantity two models of the UNIVERSAL Reloading Tool. These superior tools are built to load any standard center-fire metallic, pistol or rifle cartridge with ease and accuracy. The UNIVERSAL revolving turret head, holding multiple dies, speeds up loading, enables you to load more cartridges per hour. The discriminating shooter will find that in strength, simplicity and precision there is no better equipment on the market.

Both of the UNIVERSAL tool models, A and B are identical in all parts except for difference in the turret heads. Model A, illustrated at left, holds 3 dies in its indexed rotating head, sufficient to reload any single caliber cartridge. Model B, illustrated at right, answers the need for the advanced shooter who owns guns of several calibers and wishes to keep his equipment set up and handy for immediate use. The indexed rotating head holds 12 dies, sufficient to reload 4 or more sizes of cartridges. At most, all that is necessary to change on the tool when switching from reloading of one caliber to another might be the primer rod, the shell holder, and the setting on the powder measure. All other dies remain permanently adjusted in the rotating, indexed turret head. All our products are fully guaranteed.

At left, Model B tool. Retail price **$55.00***

Patent U.S.A.

Delivery can be made on Model A and Model B tools complete with UNIVERSAL dies for the following calibers:

Rifle Dies: .22 Hornet, .22K Hornet, .218 Bee, R-2 Lovell, .219 Zipper, .22 Savage H.P., .22/.250 Varminter, .220 Swift, .25/.20, .256 (Jap Ariska), .250 Savage, .25 Remington, .25 Krag, .257 Roberts, 6.5mm. (Mannlicher), .270 Winchester, 7mm. (Mauser), .280 Ross, .30/.30 Winchester, .30 M1 carbine, .30 Newton, .30 Remington, .300 Savage, .300 Magnum, .30/.40 Krag, .30/.06, .303 (British), .32/.20, .32/.40, 8mm. (Mauser), .348 Winchester, .35 Remington, .35 Newton, .351 Winchester, .375 Magnum, .38/.55, .401 Winchester, .405 Winchester, .44/.40, .45/.70, .45/.90.

Pistol Dies: .32 S. & W. long, .38 S. & W., .38 S. & W. special, .38 ACP (Super), 7.63 Mauser, 7.65 Luger, 9mm. Luger, .38/.40, .44 S. & W. special, .45 ACP, .45 Auto Rim, .45 Colt long. Above dies $12.50 per set (resizing die and bullet seating die). Powder measure adaptor die $2.50 each additional.

UNIVERSAL dies are interchangeable with the fine Pacific dies and can be used either in UNIVERSAL or Pacific tools.

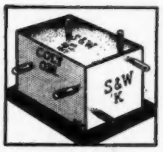
*Prices shown on above tools include one complete set of dies for any one caliber (not including powder measure adaptor die, which is $2.50 additional). Discount to Dealers.

Multi-Caliber Bullet Puller

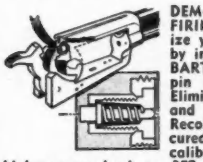
Fits UNIVERSAL or PACIFIC tool

The Fasig Standard bullet puller with one standard collet only, $9.00. Standard Collet sizes .224, .257, .264, .278, .284, .308, .320, .357, .375. Extra Collets, standard size, $1.50 each. Special Bullet Puller with one special collet only $10.00. Special Collet sizes .44 and .45. Extra Collets, special size, $2.00 each. Pullers made of hardened steel, collets tool steel.

Fully Guaranteed. Discount to Dealers.



DEM-BART GAGE SEAR BLOCK—Gunsmith's tool. Checks hammer, sear and trigger of handguns for pull, creep and correct alignment before installing in gun. Removes all guesswork from precision work. Block fits following guns and frames: COLT "O.M.", "N.S." "S.A.", "P.P." 1911, "Wds.", S&W. .45, "K.", Hi-Standard "B" "H". Retail Price—two blocks in box, $25.00.



DEM-BART FLOATING FIRING PIN—Modernize your old "six gun" by installing the DEM-BART floating firing pin and recoil plate. Eliminate blown primers and uneven ignition. Recoil plate failures cured. Essential on all calibers, especially on high pressure loads as .357 magnum, etc. Instructions with each assembly. Retail Price $2.25.

DEM-BART CHECKERING TOOL for gunsmiths and stockmakers. Checkers fast and accurately in plastics or hardwood. Six interchangeable cutter heads. Finest quality, precision made, gives long service, guaranteed. Retail Price—One tool, including cutter and handle, $2.25; extra cutters, ea. $ .75.

Write for literature on any of the above items. Discount to Dealers.

We have built up one of the finest precision gunsmithing machine shops in the country. We repair and rechamber guns of all types. In addition, we carry one of the West's largest stocks of new and used guns, hunting and target accessories, reloading components, books and manuals for the shooter. When you want something for guns—contact Hollywood!

HOLLYWOOD GUN SHOP

LYLE S. CORCORAN, *Owner and Manager*

6032 Hollywood Blvd., Hollywood, Calif., Phone Hollywood 7266

GUN BOOKS *Of Lasting Merit*

KEITH'S RIFLES FOR LARGE GAME
by Elmer Keith

Acclaimed by scores of experts as the best book on the subject of big game rifles and big game hunting. Keith presents a lifetime of field and technical experience in four hundred fascinating pages, 235 illustrations. Accorded top rating as the book of the year by gun and shooting magazines throughout the world. — $10.00

THE BULLET'S FLIGHT
by F. W. Mann

The greatest basic book on interior and exterior ballistics of small arms. A standard work of reference the world over. 384 pages, profusely illustrated, full buckram, gold-stamped. Truly a "bible" in any shooter's library. — $6.00

RIFLEMAN'S PROGRESS
by E. C Lenz

The factual story of one man's rifle career from Camp Perry to African big game hunting. Thirty-five photographs and 22 of the author's drawings supplement the text. A book that tells and shows how a rifleman is made. An example of the bookmaker's art at its best — $8.00

THE WHITNEY FIREARMS
by C. E. Fuller

Here is told for the first time the great story of Eli Whitney and the history-making firearms he manufactured. Generously illustrated and beautifully printed. Written by an author whose books on firearms subjects are works of standard reference everywhere — $7.00

ALASKAN-YUKON TROPHIES WON AND LOST
by G. O. Young

The greatest factual hunting book to come out of the North. Every man who loves a gun and the outdoors will treasure this unparalleled narrative of Alaskan-Yukon adventure. You will never read a more graphic and rewarding hunting story. Fully illustrated. Maps. — $6.00

BLACK POWDER SNAPSHOTS
by H. A. Sherlock

These pages exude the hearty aroma of black powder shooting. 23 full-page 11" x 14" author's drawings, suitable for framing, plus 95 punchy marginal sketches. Delightfully written historical text. Gold-stamped. Enclosed in special slip-case. A gift book par excellence — $5.00

BAKER'S REMARKS ON RIFLE GUNS
by Ezekiel Baker

A facsimile reprint of an 1835 gun classic written by England's best-known gunsmith. A book invaluable to any student or collector of firearms. This is a firearms treatise so rare that it has been unavailable to 95% of the present-day shooters, until this publication. — $6.00

HAND CANNON TO AUTOMATIC
by H. C. Logan

A pictorial parade of handarm-progress during six centuries. Artist Logan provides 172 full-page plates. A treasure book of information and a delight to any gun man. Unstintingly praised by collectors, shooters, arms connoisseurs and historians. — $5.00

STANDARD PUBLICATIONS, INC.
P. O. BOX 1240
HUNTINGTON 14, W. VA.
Write For Catalogue

NIEDNER BUTT PLATE

of
CHECKERED STEEL

This superior Butt Plate is used by shooters everywhere. Sharp, clean-cut checkering. Case-hardened for durability. Size: 1-9/16" x 5-1/8". $2.00 each.

GRIP CAP
Machined from a tough black material similar to horn. Will not chip or crack. Size: 1-5/16" x 1-13/16", 75¢ each.

Gunsmiths write for quantity discounts.

We also stock a complete line of sights, scopes, reloading tools and other shooting equipment. Get your name on our mailing list by writing for a free copy of Niedner's Buyers Guide.

NIEDNER RIFLE CORPORATION
DOWAGIAC MICHIGAN

RELOADING

DuPont Powder, 4227, 4198, 3031, 4320, 4064, 4350, lb.	**$1.85**
DuPont 4759 Rifle, No. 6 Pistol, ½ lb.	**1.30**
Hercules Powder, Hivel No. 2, 2400, Lightning, lb.	**1.85**
Hercules Bullseye, Unique, ½ lb.	**1.30**
Rem. Primers, 1½, 2½ Pistol; 6½, 9½ Rifle, 1,000	**6.00**
Win. Primers, 108, 111 Pistol; 116, 115, 120 Rifle, 1,000	**6.00**
Western Primers, 1½, 7 Pistol; 6½, 8½ Rifle, 1,000	**6.00**
Primed Cases, Rem. 250, 270, Western 220, 257 Roberts, 100	**6.60**
Pacific Powder Scale	**8.50**
Powder Funnels	**.75**

All prices F.O.B. Dallas

THURMAN RANDLE & CO.
208 N. Akard St. Dallas 1, Texas

ATTENTION!

In compliance with President Truman's request we are drastically reducing prices on nationally advertised hunting, spotting, and target scopes, binoculars, scope mounts, and scope stands. Advise your wants and price list will be furnished promptly.

F. ROBERT KREIDER
Palmyra, Pennsylvania

NEW & USED

Everything in the shooting line. Just write us what you have in mind, and you'll get a prompt reply. Everything prepaid except ammo, loading tools, and bulky items.

WE DO NOT DEAL IN ANTIQUE ARMS!
KEIM SPORTING GOODS CO.
FREDERICKSBURG, OHIO

IMPROVED .219 ZIPPER, C.C. JOHNSON H.B., Hepburn action, scope stock, K2.5 Litschert 6X, Hill mount tools, cases, test fired only, excellent $150.00. E. M. Armstrong, Lewistown, Montana.

REMINGTON 30-06 22" BARREL, REDFIELD front ramp, Redfield receiver sight, Springfield bolt handle recoil pad, excellent, in fact used on one hunting trip $125.00. Ford Dann, Box 141, Marshalltown, Iowa.

LIST OF BULLETINS ON MODERN PISTOLS, shotguns, rifles, thru 1947, 25¢. House of Guns, 34 Alpine Place, Kearny, New Jersey. 8-47

BROWNING O.U. TRAP, HAS EVERYTHING latest prewar model 30" imp. modified full, fancy Monte Carlo stock and Beavertail forend to match perfect with wool lined case, $300.00. L. W. Volland, Rt. #2, Columbus, Indiana.

7.65MM. LUGER, PERFECT, 200 CARTRIDGES. 7.65mm. Mannlicher, excellent, both $140.00. Savage .22 H.P. 5 shot, excellent $135.00. J. H. Parks, 5807 Goliad, Dallas 6, Texas.

LEAD WIRE .203, 180—$1.00 PER 5 LBS. IN 5, 50, 100 lb. lots, plus shipping 65¢ deposit on reels over 5 lbs. Kirksite $1.00 per 4 lb. bar plus postage. 22-45 floating chamber Colt conversion units v.g. excellent, complete $30.00. S&W .38 special, HF, Parkerized v.g. perfect $35.00. Immediate delivery on all items. A. Strycker, 208 Columbia Ave., Metuchen, N. J.

FRESH WINCHESTER PRIMERS, #120, #115, $7.00 per thousand. Rod & Gun Co., Rapid City, S. Dak.

98 MAUSER, RESTOCKED RAMP FRONT REDfield 70 rear, oil finished, reblued, very good $85.00. 98 Mauser, Same without cheekpiece, no-slip butt plate $85.00. Box shells each. Krag carbine issue 22" barrel reblued, 40 cartridges and belt, good $60.00. Leslie Wadsworth, Alta, Iowa.

COLT ACE, BEAUTIFUL BROWNELL BLUE job; new .45 conversion unit complete in leatherette covered wooden case $125.00. New 64 Winchester .219 Zipper barrel $12.50. 8x57 Mauser ammunition, jacketed bullets $15.00 per hundred. Sisk and Speer bullets. A. J. Hachenberger, Palatine, Illinois.

MODEL 70-.270 WINCHESTER 330 WEAVER T mount $150.00; 38-44 Outdoorsman short action, $85.00; .45 auto. accuracy job $85.00, all excellent. Want model 8 Remington auto. 25 caliber. N. M. George, Box 206, Riverhead, N. Y.

32 AUTOMATIC MODEL 27 $15.00. NAVY Luger 6" squeeze grip 9mm. $60.00. American Eagle Luger 7.65 $65.00. DWM 9mm. $40.00. 08 Luger $35.00. P.38 $30.00. Radom $35.00. 7.63 Mauser $35.00. Colt .44 New Service $35.00. Colt 32 auto. $30.00. Colt .25 $28.00. All perfect. Earle Cushman, 12 Tilton Avenue, Brockton, Mass.

WINCHESTER HORNET OUTFIT, FAIR PRICE, write. Lyman Super 10, perfect $70.00. K4 Weaver perfect $45.00. Stith mount 440 Winchester 70, $7.00. Want single shot action. Small rifle primers. Ray Guthrie, 2 Belvedere St., Williamson Road, Roanoke, Virginia.

AMERICAN SPORTSMEN, LEWIS 1868, 496 pages, shotgun users, many illustrations, rare needs new binding $25.00. Clevelands Hints to Riflemen 1864 tests of accuracy, illustrated fair condition, rare $15.00. Our Rifles, Sawyer, good $5.00. Sporting Firearms, Horace Kephart, illustrated, good North Carolina 1912 $6.00. Daniel Boone, Hogarth 1857. Fair condition $10.00. J. G. Dillin, Media, Penna.

PERFECT MODEL 70, .257 WEATHERBY MAGnum rifle, sling, recoil pad, Dialytan 4X scope, lens cap, Tilden mounts and safety, 75 handloads, Pacific dies, Wilson case trimmer, 900NMNC primers, 5 pounds 4064 powder, $350.00. Same, excellent, $300.00. Hundred .30 caliber Silvertip 220 grain bullets, $4.00. Box .30 caliber Mauser pistol cartridges, $2.00. Perfect Hensoldt and Zeiss 4X scopes $80.00, excellent $70.00. Louis Lutfy, 1305 E. Granada, Phoenix, Arizona.

GAS CHECKS ALL CALIBERS $1.50/1000. Quantity discounts. Robert Lowe, 1402 No. Kedzie, Chicago, Ill.

.45 S&W 1917 FAIR $25.00; JAP LUGER TYPE pistol good $20.00; Jap revolver rechambered for .38 S&W good $30.00; Jap 7.7 rifle very good $15.00; Jap bayonet excellent $2.00; Mauser pocket .32 very good $35.00; Astra copy of Mauser military, 7.63mm. fair $25.00; Jap rifle scope 2.5X excellent $20.00; Croton waterproof self winding wrist watch, excellent $45.00. West Clinton, Box 326, Southern Pines, No. Car.

KILBOURN 22 K-HORNET
The most efficient shell for its size ever developed; 25% more velocity, flatter shooting, harder hitting. Your Hornet rechambered $5.00; magazine altered $2.00. Also rechambering 2-R's and Lovells to K-Lovell $5.00.
LYSLE D. KILBOURN Whitesboro, New York

BOX .32 SPECIAL, $2.00. 180, 55 GR., .22 Hornady-Speer bullets $4.00, one smooth caster reel $5.00. B. Maglone, Jr., Slaughter, Louisiana.

1—65MM. BAUSCH & LOMB CROSSMAN model prismatic scope new with adjustable motion picture tripods $95.00. 1 Smith & Wesson .357 Magnum 6" barrel, extra 6½" shot less 100 times, $115.00. Money order. A. G. Holmes, 240 Longmeadow St., Longmeadow, Mass.

SIMPLIFIED GUN BLUING AND BROWNING—8000 word booklet giving simple instructions for all methods, also where to buy chemicals wholesale $1.00 postpaid. Miami Laboratories, 426 Ross, Hamilton, Ohio.

600 ANTIQUE GUN BARGAINS. CATALOG 25¢. Gil Hebard, Box 487F, Knoxville, Illinois. 11-47

WINCHESTER MODEL 12 SKEET GRADE 12 gauge, Cutts with all chokes. Used one season in near perfect condition. Stock altered to 13½" and raised to 1¼" drop $135.00. J. T. Hughes, Brownwood, Texas.

MODEL 65 H&R .22 EXCELLENT BARREL, v.g. stock, Redfield rear, $55.00. Ben Wall, Arcadia, Nebraska.

OUR LIST OF MODERN ARMS WILL BE SENT on receipt of three cent stamp. Kimball Arms Company, Woburn, Mass. tf

WINCHESTER 52 HEAVY BARREL, VERY good, Lyman ext. rear, 17A front, sling, case, glove, $55.00. Howard Bunker, 12 Station Avenue, Cincinnati, Ohio.

CARTRIDGE COLLECTORS. SEND 50¢ FOR my new single specimen price list #409 of 1200 items of interest to cartridge collectors. Chas. Shattuck, Cherry Creek, N. Y.

PARKER MERIDIAN GRADE DOUBLE HAMmerless, 12 ga. 30" F&F, fair condition $50.00. Stevens-model 416 star gauge, 4 power wards scoop, sling, good condition $50.00. Winchester 1892 lever action, 38-40 good condition with 100 new cartridges, 400 old black powder $60.00. Mauser 98 action and barrel in very good condition, stock cracked $35.00. L. Eastep, Box 25, Odd, Virginia.

8MM. GOVERNMENT MAUSER, REBUILT, scope, dies, mould, all excellent $95.50. Model 219 Savage Hornet, new $50.00. .38 S&W M.P. 5" grip adapters, excellent $40.00. Ralph Thomas, 1540½ Sherbourne Drive, Los Angeles, California.

REMINGTON AUTOMATIC MODEL 11A, 16 gauge 28" full choke $90.00 new; case 500-16 #6 Super X $37.00. Springfield model 87, .22 automatic holds 15 long rifle $35.00 new; also .30 caliber Luger ammo. $5.00 box 50; 380 caliber $3.50 box 50. Send M.O. Michael Bernstein, 5552 Etzel Avenue, St. Louis 12, Missouri.

AMMUNITION—FEW CASES SUPER X, 10, 12, 16, & .410 gauge, mostly #4, 5, 6 & 7½ shot. Also .22 L.R. .22 shorts; .22 L.R. Hollow pt., at Mfgr's list price. Medium order 1 c/s shells or 2000 cartridges. Also new .22 L.R. Winchester rifles, automatic, bolt repeater & single shots. Mfg. List price. Lester B. Powell, Life Member, 1823 L Street, N. W., Washington, D. C.

NEW—WINCHESTER 64, 219 ZIPPER 3390FS. Stith 4 scope, Stith Streamlined mount, caps, 4 boxes ammo. $165.00. Want perfect 70 Hornet. J. D. Teal, Box 1741, Corpus Christi, Texas.

STEVENS ENGRAVED MODEL 49, PALM REST, scope, $90.00; engraved 44½, $90.00; Sedgley Hornet 52 H.B. on 44½ $70.00; Remington .22 pump premier grade, $100.00. All excellent. Donald Callar, Staunton, Virginia.

TWO 16 GA. J. P. SAUER & SOHN DOUBLES auto ejectors, one 27½" barrels mod & full Krupp steel, new condition, except for minor scratches in shipping $275.00. One very good 29½" Krupp fluid steel imp. cyl. & mod. Monte Carlo stock auto ejectors pad, $250.00. John Rosenboom, Fairbury, Illinois.

HIGH GRADE DOUBLE BARREL GERMAN shotgun, 12 ga. 32" Krupp fluid steel, perfect; prewar highest quality handmade by Georg Knaak, Berlin, double locked breech, non-automatic safety, a beauty and never more to be duplicated. Fired only 75 shells. A bargain. $250.00. W. F. Bock, 1108 North 17th Avenue, Melrose Park, Illinois.

CARTRIDGE COLLECTORS: NEW LIST, OVER one thousand types, large foreign assortment, send 25¢ coin or stamps. Philip Jay Medicus, 18 Fletcher Street, New York 7, N. Y.

SPRINGFIELDS Can furnish all parts. Send for complete list.
Will rebuild guns. Send gun for estimate.
SPICER'S SERVICE Roseville, Ill.

ORDER BY MAIL

REAL BARGAINS...IMMEDIATE DELIVERY

BRAND NEW DOUBLE ARCTIC ARMY SLEEPING BAG $29.95 Prepaid

Consists of two complete new sleeping bags. They can be used singly in moderate temperatures or may be combined in sub-zero weather. The outer bag is 34 x 76 with a full-length zipper. The inner bag is 32 x 82 with a 30" zipper. Both bags insulated with 40% down and 60% feathers. Complete with carrying case.

BRAND NEW MUMMY ARMY SLEEPING BAGS $9.95 Prepaid

Single mummy-shaped sleeping bag containing 100% feather insulation. Comfortable sleep insured at zero temperatures. Long 80-inch bag with 30-inch opening. Lightweight and compact.

NEW DOUBLE MUMMY ARMY SLEEPING BAGS

Two complete mummy-shaped bags that can be used singly or together. 100% feather insulation. 80 inches long with 30-inch snap and zipper openings. Prepaid. Complete with carrying case. $19.95

SLEEPING BAG ACCESSORIES

POPLIN SLEEPING BAG COVER, prepaid	$2.95
COTTON SLEEPING BAG LINER, prepaid	1.25
BAG COVER, waterproof, ¾ length zip	3.35
AIR FORCE TENT TARP, 70" x 82", ppd	3.35
KAPOK SLEEPING PADS, 20" x 36", ppd	.98

★ **2-Man Mountain Tents** $9.95

Brand new. Made of nylon. Complete with poles & stakes, prepaid.

★ **BRAND NEW FRAME RUCKSACKS**

Large canvas sack on lightweight tubular frame. Lots of pockets. Fully adjustable. Wt. 5½ lbs. Fed. Tax Incl. Each .....Prepaid $3.54

★ **3-Piece Wool Sleeping Bag** $5.95

Consists of poplin cover, wool blanket bag with zipper opening, and cotton liner. Compact and light. Prepaid

CAMPING EQUIPMENT

Prepaid

Canteen, Cup, Cover, & Messkit, New	$3.69
Pistol Belt, New	1.65
Camp Axe & Sheath	1.45
Hunting Knife & Sheath	1.25
Pup Tents, A-1 Cond.	2.95

B & L DRIVING GLASSES

Precision ground amber lenses in metal frame with plastic brow rest. Made by Bausch & Lomb. Worth $12.00. Prepaid $6.95

★ **H & R "SPORTSMAN" .22 Cal. Model 999**

Prepaid $47.95

Back again . . . the 9-shot double-action .22 revolver on a .38 style frame, that can group 'em in the 10 ring. Adjustable sights . . . 6" bbl. . . . & shoots regular or high-speed bullets.

★ **5X ILLUMINATED MAGNIFIER**

Army Surplus

Battery illuminated 5X magnifier. List is $9.35. For fine print, stamps, etc. Prepaid $3.95

8 X 30 BINOCULARS

$42.50 Includes Fed. Tax. Prepaid. Excellent definition with center adjustment plus individual adjustment for right eye. Body made of aluminum with beautiful finish. Brand New.

★ **OCEAN CITY FISHING KIT**

Consists of 2-piece offset handle spring steel rod, level wind reel, 50-yd. line, casting plug, snelled hooks, sinkers, spoon, & float. Prepaid..... $4.89

★ **100% WEATHERPROOF STORM PARKA** (PREPAID)

New Navy rubberized waterproof & windproof parka with hood. Ideal for all sportsmen. Small, medium, large, & X-large. Wt. 2 lbs. ... $1.99
BIBBED OVERALLS to match. Wt. 2 lbs..... $1.99

DEALER INQUIRY INVITED

WARSHAL'S SPORTING GOODS CO.
FIRST AND MADISON, DEPT. B SEATTLE 4, WASH.

SHOOTERS EQUIPMENT

Winchester M. 12 Pumps, 12, 28, Prepaid	$78.50
Win. 75T rifles, 22 cal.	53.50
Ithaca 37 Featherweight Pumps, 12-26, 28"-30", Prep'd	78.50
720 Sav. Autos, 12-28-30, 16-28", Prepaid	87.50
Hi-Standard HD Pistols, 22 cal. 6¾", Prepaid	51.00
Lyman Alaskan Scopes, 2½X, all reticules	60.00
Lyman Alaskan with Lee Dot	72.50
Lyman Jr. Target-spot, 6X, 8X, 10X	62.50
Lyman Target-spot, 8X to 10X	75.00
Lyman Super Target-spot, 10X to 20X	90.00
Lyman 48 52 Win. 4524 sight	15.00
Lyman 48 52 Win. 48J	14.00
Lyman ramp sights, Krag, Spr., Enf. 24-26"	5.00
Lyman 48 Sights, Krag, Spr., Enf. 54-70, M.98, Rem. 30	12.50
Lyman 17A Sights, 8 disc.	3.00
Lyman Tru-Line Jr. loading tools, most calibers	22.00
Ray-Ban Shooting Glasses, Kalichrome lenses	16.50
Ray-Ban Shooting Glasses	15.00
Ray-Ban Skeet Glasses	12.50
Ray-Ban Sun-Glasses	10.75
Ray-Ban Hook-Overs	4.75
Mitchell Shooting Glasses, gold	11.50
Mitchell Shooting Glasses, white metal	7.50
Unertl 1½" Target Scopes, 8X to 20X, coated	89.00
Unertl 1¼" Target Scopes, 8X to 14X, coated	77.00
Unertl 1" Target Scopes, 6X to 10X	57.00
Unertl Small Game Scopes, 4X to 6X, coated	38.00
Texan Rifle Scope, 2½X, coated	50.00
ARGUS SUPER SPOT, 20X	74.50
Weaver K2.5, $45; K4, coated	52.50
Fecker "Woodchucker," 4½X, 5½X, 7X	62.00
Fecker Targetscope, 1⅝", 12.5X to 20X	98.50
Fecker 1⅛" Targetscopes, 8X to 14X	70.00
Fecker 1½" Targetscopes, 8X to 20X	89.00
King-Pike Mounts (all sizes)	17.50
Echo Mounts, Q.D., all sizes	17.50
Turner Q.D. Mts., all sizes	15.00
Springfield Barrels, new, late	11.00
Springfield Actions, 1,300,000	33.00
Springfield Bolts N. S., complete, new	8.50
Springfield Bolts Sniper, complete, new	11.50
Springfield Extractors, new	1.00
Spr. front sights complete	1.00
Springfield Trigger Guards, milled, stripped	$3.00
30 Cal. Barrels, 26" white, tapered, 4 gr.	8.00
.25, 22-.270 25" Barrels, tapered	20.00
Enfield Barrels, new, 26" white	9.00
Enfield Extractors, new, ea.	1.50
Enfield Receivers, stripped	6.00
Enfield Trigger Guard, stripped	1.50
Krag Barrels, 22"-24", new, white, made from Enfield, 4 gr.	14.00
Krag Extractors, good	1.25
Mauser 98 Bolts, complete	14.00
Mauser 98 Bolts, stripped	5.00
Mauser 98 Issue Stocks, 24" type comp.	3.00
Mauser Issue Barrels, 24" v.g.	5.00
Mauser Milled Trigger Guards, made from Springfield with floor plate complete, dressed tang, blued	7.50
M. I. Carbine Ammo., per 100	5.00
M. I. Magazines, used, ea.	1.00
30.06 M.C. Ammo., 150 gr., per 100, late date	6.00
30.06 Blanks, per 100	4.50
45 C.A. Ammo., M.C., per 100	5.00
22 R.F. Short Blanks, per 1000	4.50
32 R.F. Short Ammo., per 100	2.00
32 R. F. Long Ammo., per 100	2.20
41 Swiss Ammo., R.F., box	1.60
30-30, 32 Spec. 25-35 ammo. S.P.	2.00
32-20 S.P., box	2.00
8mm. Mauser, 170 gr. Lend Reloads, box	3.50
Colt .45 Mags., new	1.50
Gas Checks .25, .270, .22, .30, 8mm. cal., per M.	1.50

PARTS FOR Springfield, Enfield, Krag, Mauser 98, Colts C.A.

1947 Spring List FREE.

"SUN-BURST"

Flaig #1 Pistol Grip Cap. Decorative, solid, easy to fit and work with. Takes high polish. Brilliant finish. 60 cts. each. Special discount to dealers.

Note: PRIMERS—Remington NMNC; #9½, 6½, 1½; Western #8½; $6.00 M.; case lots 25 M. $5.25 per M. ALSO—Western 30-30 O.P.E. 150 gr. bullets, $3.60 per 100. Western primed cases, new, per 100—30-40, $6.70; .300 Savage $6.60; .32 Special $6.00; 270 Winchester $6.70.

Export Lic. 1856

Flaig's MILLVALE PENNSYLVANIA

"Serving Only Sportsmen"

Trades accepted

SUPERIOR HOLSTERS AND BELTS

S. D. MYRES SADDLE CO.
EL PASO, TEXAS
Write for Catalog

SHOOTING AND SPORT GLASSES

CALOBAR, RAY-BAN NOVIOL

Also ground to your prescription
Write for free folder

STERN OPTICAL COMPANY, INC.
1284 Lexington Ave. New York 28, N. Y.

K-T Scope Stands

Keep the Range Officer off your neck and your eye on the wind. Ready June 15.

$16.00 postpaid

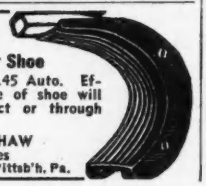
H. H. KIRBY & C. B. THORINGTON
Box 392, South Gate, California

HENSHAW

The Original Trigger Shoe

Now available for Colt .45 Auto. Effective March 1st, price of shoe will be $2.00. Order direct or through your dealer.

HARVEY E. HENSHAW
Shooters Supplies
818-820 Oakwood St. (21), Pittsb'h, Pa.



OLD ZIP COON DE-STARCHED, 2" ROUND shooting or cleaning patches, 2000 $1.50, 1000 $1.00, postpaid. 3-5 ft. split hickory rod blanks $1.00. Refund postage less 3¢. J. H. Moran, 5 Edgewood Village, Kingsport, Tennessee.

190[5] ROSS, .303, SPECIAL STOCK, REDFIELD rear, ramp front, good, 40 rounds ammunition $45.00. Vernon Jaques, Aitkin, Minnesota.

RIFLE SLINGS LEATHER. U. S. ARMY 1¼", used, good condition, $1.00 each. Grimes rifle or shotgun slings, top grain russet cowhide adjustable to any shotgun or rifle furnished in ⅞" $1.50 1¼" widths $1.95 each brand new. Rifle sling swivels, quick detachable, 1¼" only, $1.25 per pair. Used .45 Colt automatic pistol magazines, $1.75 each, good condition. Taylor precision fishermans barometer, pocket size, $7.50 each. Rifle and shotgun section metal cleaning rods precision quality, all calibers and gauges, $1.50 each, brushes 25¢ extra. Hoppes gun cleaning pack, consists of oil, nitro-solvent, gun grease and cleaning patches, $1.25. Recoil boot, prewar rubber, U. S. Army slipon style, for shotgun or rifle, $1.00 each. Duck and Crow calls $1.50 each, Hawk calls $2.00 each, all treated against tone change. Gent's 1" hand carved all leather western belt, tan, all sizes $1.50 each. Genuine G.I. heavy canvas leggings with brass eyelets, large, medium and small sizes $1.50 per pair. Holster for Luger automatic pistol with 8" barrel, saddle leather, brand new, $5.00 each. Tan leather belt holsters for revolver or automatic pistol, any size, with flap $3.00, without flap $2.50. Shoulder holsters, all leather, $4.95 each. Give barrel length and name of gun for all holsters. All items are postpaid. Sportsmen's Supplies, 250 West Bayberry Lane, Upper Darby, Penna.

WINCHESTER 30-30 MODEL 55, 24" BARREL, excellent, 16 cartridges, $50.00. .30 Remington model 14, 22" barrel, 38 cartridges, excellent $70.00. R. T. Grabe, Coudersport, Penna.

KRAG RIFLES, AS ISSUED, EXCELLENT CONdition $45.00; 50 rounds German issue ammunition with each 15¢ each extra. P.38's very good, box Winchester ammunition included $35.00; Walther 7.65mm. automatic, excellent $35.00; Astra .380 automatic, excellent, 25 rounds ammo. $30.00. Charles Lewin, Wilson Road, Fall River, Mass. Life Member.

AMERICAN RIFLEMAN, 14 YEARS, 1933-1946, one issue missing, $20.00. Christopher Brooks, Rt. #1, Box 46, Riverside, Connecticut.

GUN CASES, SLEEPING BAGS, FLY RODS, sheepskin cases 48" to 52", special $6.95. U. S. Army surplus sleeping bags, used, like new down and waterfowl feathers, $14.45. South Bend Cross custom built fly rods, $75.00. Shakespeare glass fly rods, $60.00. Also ammo. tackle. Postpaid. No C.O.D. Sutherland & Lorch, 240 Broadway, Newburgh, N. Y.

WINCHESTER 21 DELUXE DOUBLE 12 PERfect, $235.00. Browning O&U 28" twin S.T. solid rib, F&M excellent $165.00. Winchester 351 auto v.g. $90.00. 38-55 Winchester rifle v.g. $57.50. Savage .303 rifle good $50.00. Excellent 270 Newton set triggers, $140.00. Henke, 559 Evergreen, Ventura, California.

MALLARD BLUE BILL, BLACK DUCK, RED head and canvas back decoys life size lightweight. Kapok fiber covered very durable resembles actual live duck, value $25.00 per dozen, special $11.00 dozen. Forward money order. No C.O.D. shipments. Public Sport Shops, Dept. R75, 13 So. 16th Street, Philadelphia, Penna.

L.C. SMITH, 12 GAUGE DOUBLE 32" FIELD grade, F.M. good & 20 boxes of shells, 6's and 4's. $92.60. P. R. Noel, 1620 Hinkson Avenue, Columbia, Missouri.

WINCHESTER 75 TARGET NEAR PERFECT, 1150 rounds ammo. sling, targets, $65.00. Harry Parmenter, Gwynedd, Penna.

30-06 SAVAGE SUPER-SPORTER, VERY GOOD condition, equipped 330C Weaver scope, 4 min. Lee Dot, "B" mounts, also Lyman #40 receiver peep, extra magazine clip, carrying strap, cartridges, $115.00. Midwestern brand, waterproof horsehide hunting suit, size 40, knee torn, otherwise serviceable, $19.00, write. J. F. Lowery, 29 Glendell Terrace, Springfield, Mass.

REMINGTON 37, REDFIELD FRONT, REMINGton receiver, excellent, serial 01613 $95.00. German P.38 excellent $50.00. Kenneth Wangen, 109 E. Clark, Albert Lea, Minnesota.

NEW WINCHESTER 12 GA. PUMP, RIB, $87, 330 Weaver $25.00. Want Enfield. George S. Brown, P. O. Box 150. Hamburg, N. Y.

7.62 RUSSIAN SERVICE CARTRIDGES, WINchester 1940 manufactured 15¢ each, clips included. Ithaca #4 12 ga. double reasonable. J. DiCresce, 5534 Cooper, Detroit, Michigan.

WESTERN STATES REBLUING

N. V. CARLIN, Licensed Gunsmith
2221 So. 6th St. Klamath Falls, Ore.

.357 S&W MAGNUM, EXCELLENT IN, VERY light holster wear out, Roper grips, 7½" barrel, Sam Browne and holster, 110 rounds factory ammo. $110.00. 7.63 Mauser Police model, good, holster, $40.00. P.38 v.g. holster, $28.00. Rare Marston 3 barrel 32 RF, needs firing pin and cleaning $27.50. Gun list for 10¢ in stamps. McCool Gun Co., Henryville, Penna.

.375 MAGNUM ON ENFIELD ACTION. BUHmiller heavy target barrel, K.4 scope, Redfield mounts, checked target stock, pad, very accurate new, $300.00. 30-06 Enfield action beautiful stock checkered, 330 scope with 1¼" Litschert attachment, set trigger, new $185.00. Bisley 32-20 Franzite stag grips, excellent $85.00. 9mm. Luger D.W.M. very good $50.00. Mauser 1910 .32 Beretta 380, very good $30.00 each. P.38 new $37.50. Walther PP .32, new $35.00. S&W .38 Special 4" Franzite stag grips, very good $37.50. S.A. Colts .45 full nickel plate genuine ivory grips beautiful, very good, $55.00. Zeiss 8x60 observation type binoculars heavy, very good $100.00. Want double rifle. Curtis Adams, Weirton, W. Va.

SHOTGUNS 1 REMINGTON 10A, 3 STEVENS 12x20 cyl. good $40.00 each. .348 Deluxe Winchester, excellent $125.00. 94 Winchester 32 special, perfect $75.00. Winchester 12-12x30 full, no blu, very good, $65.00. Enfield as issued, very good, $40.00. $5.00 down, balance express collect. Lester Coy, Pemberville, Ohio.

.257 WINCHESTER 70, STANDARD. NEW heavy barrel. Unertl 10X 1¼" scope, coated, heavy leather cases, 20 rounds ammo. $250.00. L. C. Smith 12 ga. 28" mod & full, very good, $65.00. Remington 513-S, Weaver K4, Stith Streamline mount, never used, $115.00. Winchester 63 .22 automatic, perfect, $65.00. Charles E. Breckinridge, 1828 W. Hill Street, Louisville 10, Kentucky.

SOLD TO FEDERAL, STATE, AND CITY PEACE officers only—Twenty shot magazine for Thompson Sub-machine gun .45 caliber. Condition new. Prepaid USA 55¢ each, $5.00 dozen, $30.00 hundred. Hill & Hill, P. O. Box 111, North Portland, Oregon.

BEGINNERS LISTS OF CARTRIDGE ASSORTments. Send 3¢ stamp. Modern and obsolete shooters ammunition for sale. Will trade new ammunition for your old types. Philip Jay Medicus, 18 Fletcher St., New York 7, N. Y.

W52MS, STANDARD #24443, GOOD INSIDE and out, Redfield front, M-G rear, Merit disc, $65.00. Fecker ¾" 8 power uncoated scope, good, $45.00. Wollensak drawtube 20-30 scope with leather case, good, $18.00. H. E. Newcomb, 187 E. Devonia Avenue, Mount Vernon, New York.

WINCHESTER 12-12 TRAP, VENT STRAIGHT stock, pad, v.g. $135.00. Winchester 12-12 Poly Choke, solid rib, ext. slide, pad, $115.00 v.g. 30-06 Remington 30S custom cheekpiece stock, checkered Lyman 48, v.g. $110.00. 70 Winchester 30-06 L.A. scope v.g. Tilden safe, $165.00. Member. Ken Spears, Morenci, Michigan.

ITHACAS, MODEL 26 #1-10 GA. FULL 32 single trigger, good shells, $75.00. #2 20Ga. full 28, single trigger Beavertail, Monte Carlo, better $125.00. Earlier grade 4-12ga. 28 new barrels, beautiful engraving better, $150.00. Model 74 Winchester .22, 500 shorts excellent $30.00. 4X Unertl hunting scope excellent $35.00. Description for stamp. Want Marlin 1895-33CF, 1894-32-20, 1889-32-40, 1891-.22L.R., 44A-20ga. Stevens H.P. Lever .35 caliber. Max Wagner, Alexandria, Minnesota.

COLT ARMY SPECIAL .38 SPECIAL 4", SOME holster wear, otherwise v.g. with box cartridges, $32.50. George Bambas, Richmond, Illinois.

WINCHESTER 52 SPEEDLOCK STANDARD sights, excellent $55.00. Richard Stam, 545 Antlers, Rochester 7 N. Y.

PERFECT 300 H&H MAGNUM BULLGUN, custom built Enfield action, recoil pad, Redfield sights, $170.00. Grover R. Morash, Jr., 105 Lakeview Ave., Waltham 54, Mass.

BOND C TOOL 30-06 COMPLETE $12.50. PAcific moulds 308284-308334, $4.50 each. Martin Schacht, 3010 Tulare, Fresno, California.

CATALOG #26 DESCRIBING OVER 3000 BARgains 40¢. 6x30 B&L, excellent $78.00. Brand new 45-70, Springfield $28.50. Plenty ammunition $2.50 box. Krag barrels, good $9.50. 30-06 barrels, good $4.50. Springfield stripped receivers, $14.50. Springfield stocks, $4.50. Springfield Service rifle, excellent $65.00. 30" Krag issue, excellent $60.00. Krag sporter, excellent $64.00. Mauser 98 issue excellent $48.50. .38 Colt Super, excellent $62.50. .25 Colt, excellent $38.50. .380 Colt, excellent $48.50. .32 Walther PPK, new $62.00. 16ga. Stevens pump, new $54.00. Many Frontiers, automatics, Kentucky rifles. John Smith, Rambler Ave., Runnemede, New Jersey.

✦ FOR YOUR DEN ✦

Get a caricature of yourself, posed with smoking gun and slain grizzly! Send good photo for FREE pencil sketch and cost of oil painting. No obligation. F. R. Longfellow, Lambert Lake, Maine.

16X Wide Angle . . . TELESCOPE

on tripod

10 DAY TRIAL

$37.50

(Cost U. S. Gov't $200)

IDEAL SPOTTING SCOPE. The chance of a lifetime to get a high-grade outfit for Rifle Range, General Observation, Astronomy, Summer Home, etc., at a few cents on the dollar. This powerful, WIDE-FIELD telescope with fully adjustable tripod is an amazing value!

Made in Rochester and redesigned for civilian use by DuMaurier master craftsmen. Achromatic objectives, erectors and oculars—10 lenses in all—give amazing clearness, crisp detail, wide angle and great range.

TELESCOPE is 30" long, weighs 3 lbs. Has micrometer focus. Removable from tripod in 3 seconds. Heavy cowhide leather caps and carrying straps. PANORAMIC TRIPOD HEAD AND YOKE is gear-driven or free moving. Micrometer azimuth readings, plus many other features. Yoke permits smooth, free alt-azimuth adjustments. Tripod of oak with sliding tubular metal legs, 35" to 62". Legs lock independently. TRIPOD CAN BE USED FOR CAMERA—WORTH $30 to $35 FOR THIS USE ALONE. Limited quantity. Order today.

Complete Oufit (46 lbs. boxed) only $37.50 f.o.b. Elmira. Purchase price returned if shipped prepaid after 10 days trial.

DuMAURIER CO., Dept. 196, Elmira, N. Y.

SAM BOND

222 Second Street, S. W.

NEW PHILADELPHIA, OHIO

M/52 Win., std. (no sights)	**$ 79.50**
M/52 Win., H-B (no sights)	**89.15**
M/52 Win. Bull (no sights)	**105.55**
M/69 Win. Match	**35.80**
M/69 Win. Target	**25.15**
M/37 Remington	**113.60**
M/513 Remington	**53.50**
M/75 Win. Target	**53.50**
Unertl Tube Sight	**24.00**
G&H Clear Vision Front Sight	**7.50**
Unertl Scope 1"	**58.00**
Unertl Scope 1¼"	**78.00**
Unertl Scope 1½"	**90.00**
Unertl Scope 2"	**125.00**
Unertl 2½" 24X Spotting Scope	**80.00**
Unertl Right Angle Scope	**96.00**
Fecker Scope 1⅝"	**98.50**
Fecker Scope 1½"	**93.50**
Fecker Scope 1⅜"	**70.00**
Fecker Vermin Scope	**62.00**
King-Pike Mount ¾-⅞-1"	**17.50**
Lehman Mount	**9.00**
22 L. R. Match (per 1,000)	**12.30**
22 L. R. Regular (per 1,000)	**10.25**

.32-.38-.45 cal. match ctgs. in stock.

Many items of shooting equipment & accessories in stock.

Powder Horns

POWDER FLASKS WANTED

SEND DETAILS AND PRICES TO

C. STANLEY JACOB

202 WEST 8 STREET

PLAINFIELD NEW JERSEY

A Bootful of SOLID Comfort!

THE ORIGINAL *Paratroop Hunting Boots*

Except for the uppers of pliable waterproof leather that hunters and fishermen demand, these rugged, comfortable boots are mates of the same maker's Paratrooper Jump Boots. Because in war they took rain, mud, snow, scorching sun and sand *in stride*—they'll take whatever you have *in store*! Comfort? Almost like a felt slipper—from SPECIAL BALANCED STRUCTURE—lets you walk all day and like it!

All sizes 4 - 13½ All widths AA - EEE

***No other boot gives you all these* EXCEPTIONAL FEATURES**

- **Made of soft, pliable elk-finish leather with extra heavy oil waterproofing.**
- **Full 10 inch height gives proper support.**
- **Balanced construction gives ideal walking comfort.**
- **Special heel and toe construction prevents tiring.**
- **Counter, box toe and bottom filler all leather. Shank is made of steel.**
- **Heavy reinforcing tape on sides of instep prevents stretching and assures good snug fit.**
- **Middle sole is fine quality leather. Outside tap is rubber, sewed to middle sole in two places and nailed clear through to insole to prevent ripping off.**
- **Special Goodyear rubber heel gives maximum springiness and reduces hazard of tripping.**

At this Amazing **LOW PRICE**

These boots are not government surplus stock. We can offer them at this unusual low price only by selling direct to you. Moneyback if not satisfied on receiving them.

ONLY $9.87 Plus Postage

Postage only if C.O.D

CORCORAN, INC., STOUGHTON, MASS.

Please rush a pair of Paratroop Hunting Boots.

Check ☐ Money Order ☐ for $9.87 is enclosed. I will pay postage C.O.D.

Name _____

Address _____

Public Library

_____

Size and width of Shoe _____

AR-6

Quick, Sharp Focus on any object from 15 feet to infinity. Light, Easy to use.

A MARK 218 scope mounted on a Swing Tilt tripod lets you search out each square foot of varmint country with only the movement of a finger. Sit comfortably — Study and shoot from the same position. A dandy pair for target shooting also.

BY DAVIDSON
COATED OPTICS BY BRAY

AT SPORTING GOODS DEALERS OR PHOTO STORES

MARK 218 - 22 Power Telescope . . . $22.50

Scope Saddle - Fits any photographic tripod $1.00

Swing Tilt - Full panoramic metal tripod $22.50

DAVIDSON manufacturing co.
5142 ALHAMBRA AVENUE, LOS ANGELES 32, CALIFORNIA, U. S. A.

NRA ITEMS

FOR LIFE MEMBERS

Life Member's 10-K Gold Pin . . $2.75
(Shown at right above twice actual size)
(Federal tax included)

Life Member's Bronze Coat Badge $1.00
(Shown at right above ½ actual size)

Life Member's Felt Brassard . . .50
(Shown at left above—3-inch diameter)

FOR ANNUAL MEMBERS

3" Felt Brassards bearing NRA monogram and embroidered "ANNUAL MEMBER—1947." Price 50¢

FOR ALL MEMBERS

New NRA Auto Emblem— it reflects light $1.00

NATIONAL RIFLE ASSOCIATION
SCOTT CIRCLE WASHINGTON 6, D. C.

SMITH & WESSON

The Thoroughbred of the Handgun World

SPRINGFIELD 2, MASS.

BOND DOUBLE CAVITY BULLET MOULD

ALSO NOW AVAILABLE MODEL "C" LOADING TOOLS. ALLOW TWO TO THREE WEEKS FOR DELIVERY

Send 10c for latest catalog on hand loading

MODERN-BOND CORP.
813 West 5th St. Wilmington 99, Del.

.30 –'06
HEADSPACE GAGES
(also correct for .270 Winchester)

Standard lengths:	Intermediate:
Minimum . . . 1.940	1.942
Maximum . . . 1.946	1.944
Field Gage . . 1.950	1.948

Price, $6.00 each. Postage, 5¢ each.
Prompt shipment from stock.
COMPLETE INSTRUCTIONS ARE FURNISHED WITH THESE GAGES.
L. E. WILSON Cashmere, Wash.

NEW BULLETS
FOR THE RELOADER

A new line of pointed soft point game bullets now available. Priced per 100, postpaid. 75 & 90 grain .257" @ $3.55. 100, 115 & 125 grain .257" @ $3.75. 110, 150, 180 & 220 grain .30 caliber and 125, 155, & 180 grain 8MM. @ $4.00. Other calibers by June @ $4.00. I carry a complete line of loading supplies, components and tools. Write your wants. New primed Western cases in .250-3000, .270 Winchester & .300 Magnum. Others on the way. DuPont powders, Sisk & Speer bullets, primers, etc., in stock.

JIM WILKINSON 648 Pleasant Avenue Prescott, Arizona

A SLICKER FOR ALL PETS
DOGS, CATS, RABBITS **$1** ppd.

A flexible brush, spring steel bristles penetrate coat of a long- or short-haired dog. The rows of teeth are staggered so that when drawn over, the dead hair, dirt, and parasites are removed. Used a minute a day keeps vermin away. Sanitary non-rust metal back 4¼" x 2". Ebonized wood handle. Can be used as

A Combination Brush and Comb—$1 ppd.
WARNER PRODUCTS CO., Dept. R, Baldwinsville, N. Y.

THE .45 SPECIALIST

Complete accuracy job on your .45 auto at $25.00 includes: Tighten gun, 4-lb. trigger pull and trigger stop, new ramp cut front sight, widen rear sight, check trigger, check or recheck main spring housing, reblue.

JOSEPH GAMSU 935 Southern Blvd.
Licensed Gunsmith New York 59, N. Y.

WINCHESTER 52 H.B. 10X SCOPE, PERFECT, $150.00. Winchester .22 Hornet H.S. 4X scope, good, $65.00. Want 70 Hornet, 39A Marlin, 241 Remington. Cecil Price, Hillsboro, Illinois.

EXCELLENT WINCHESTER 70, WEAVER K4, Tilden safety, fired only 20 rounds 30-06, $185.00. New S&W .38 Special M&P 4" barrels $52.50, very good G43 $50.00. New coated Weavers $37.50 and $42.50, 50 rounds of 9.5 Mannlicher soft points $25.00, 20 rounds of 8x58½ soft points $10.00. Money orders please. Wanted new complete VZ33 or G33-40 Mausers, German Schuetzen. Hurley O. Saxon, 3714 Frankfort St., El Paso, Texas.

30-06 SPRINGFIELD, 1419038, EXCELLENT condition with Redfield ramp and receiver sights. Has new custom sporter stock, also bolt altered for scope mounting, $125.00. Hi-Standard model B, .22 automatic 4" barrel, excellent, $40.00. Erwin E. Putnam, Canning, So. Dak.

COLT .25 AUTO. VERY GOOD $32.50. MAUSER .25 auto. very good $27.50. P.38 excellent $25.00. Want model 9 Walther .25 auto. M.G. Hoppes, R.R. #1, Wabash, Indiana.

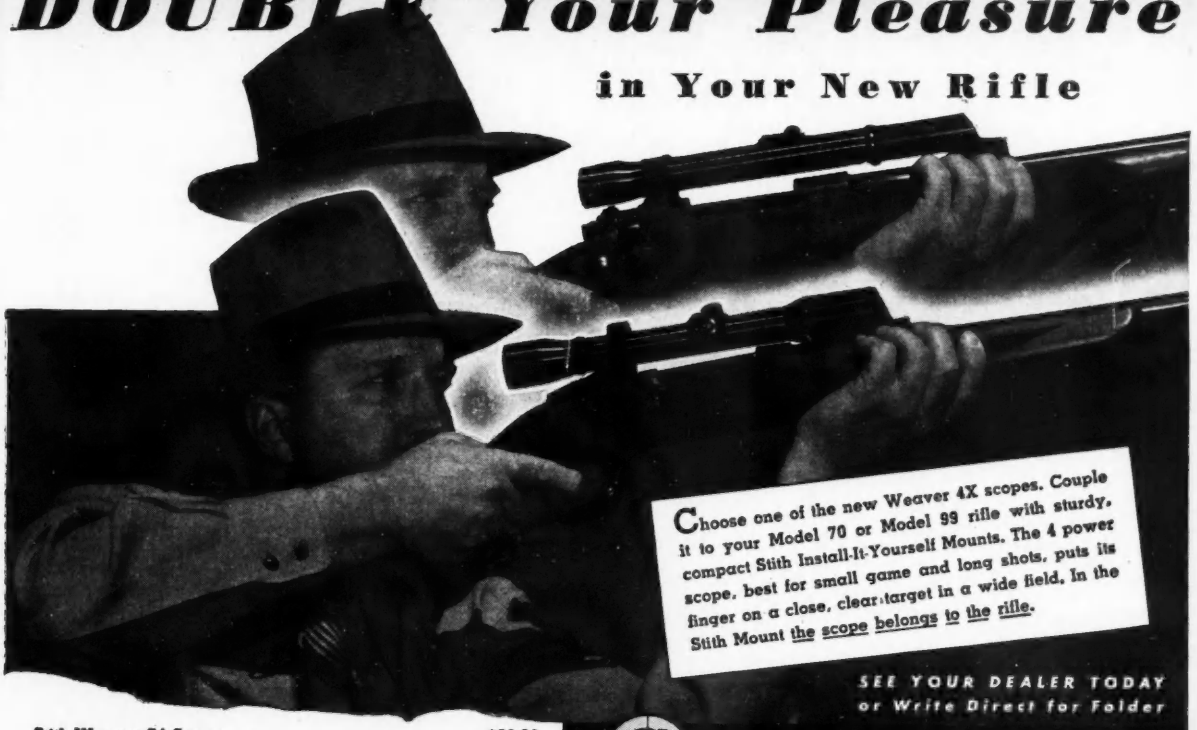
.38 O.P. 6" HB PERFECT & .22 OM 6" EXCELlent. Both King click micrometer ramps, double-cockeyed hammers, hand honed actions, checked fore & back straps, and Kearsarge walnut grips, each $125.00, pair $225.00. .38 S.A. 7½" as above stag grips, short action, excellent $125.00. .44 S&W Russian (new model) #2450 nickel, perfect $75.00. P.38 nickel, excellent $50.00. 9mm. Luger (old model) 4" eagle, very good $70.00. P. B. Albee, 83 Plymouth Road, Needham, Mass.

DELUXE CUSTOM BUILT, WINCHESTER model 12 Magnum, received from factory Nov. 1946. Fired only 25 times. 30" barrel, stock and Beavertail forend of finest figured walnut obtainable by Winchester stock 14"x2⅜"x1⅜". Three boxes Magnum loads, excellent to perfect, $140.00. Frank M. Harper, Box 1346, Raleigh, No. Car.

146 GRAIN WADCUTTERS, 158 GRAIN Conical, 160 grain Keith Manstopper and 160 grain Sharpe Magnum, resized and lubricated to .358 for .38 special. Cleaned and boxed ready for reloading $7.00 per thousand. Empty .38 Special cases, cleaned, fired once for 1½ primers $4.00 per thousand. J. Van Blarcom, 53 Glover Avenue, Paterson 1, New Jersey.

DOUBLE Your Pleasure

in Your New Rifle



Choose one of the new Weaver 4X scopes. Couple it to your Model 70 or Model 99 rifle with sturdy, compact Stith Install-It-Yourself Mounts. The 4 power scope, best for small game and long shots, puts its finger on a close, clear target in a wide field. In the Stith Mount the scope belongs to the rifle.

SEE YOUR DEALER TODAY
or Write Direct for Folder

Stith-Weaver S4 Scope (single or double adjustments)	$50.00
Weaver K4 Scope	52.50
Model 70 Mounts	17.50
Model 99 Mounts	15.00

STITH MOUNTS
500 TRANSIT TOWER SAN ANTONIO 5, TEXAS

HI-STANDARD, MODEL E, 6¾ BARREL, perfect, in original box, extra magazine, $55.00. F. E. Schnorr, Kohler, Wisconsin.

INVENTORS: PATENT LAWS ENCOURAGE THE development of inventions. Our firm is registered to practice before the U.S. Patent Office. Write for further particulars as to patent protection and procedure and "Invention Record" form at once. No obligation. McMorrow, Berman & Davidson, Registered Patent Attorneys, 251-A Victor Bldg., Washington 1, D. C.

LIGHTWEIGHT PACKING IN 8MM. CARBINE, Mauser sporter 20" ribbed barrel and Mauser sporter stock. Weighs only 6 lbs. Plenty 170 gr. bullets, price $80.00. Outside very good, inside good. Fred A. Petrik, 2841 Mass. Ave., Topeka, Kansas.

PISTOL AND GUN COLLECTORS. WE HAVE cartridges for many of the old time guns. An inexpensive way of improving your collection. New list 25¢ in coin or stamps. Philip Jay Medicus. 18 Fletcher Street, New York 7, N. Y.

CUSTOM SPRINGFIELD M-1 .22, EXCELLENT, blued, Griffin Howe Circassian fiddle-back grain cheekpiece stock, Beavertail, checkering, ebony tip and grip cap, trap butt-plate, Noske scope mount, Lyman 48, altered bolt handle, scope blocks, detachable swivels, would make perfect Hornet, Lovell, $110.00. Brand new Winchester 64 30-30, Redfield 70T receiver sight, also open sights, gold bead, ammo. perfect deer rifle, $80.00. Colt .45 auto. excellent, government, new barrel, wide target sights, magazines, belt, holster, $40.00. Check, M.O. C. E. Bull, 302 Dixie Drive, Towson, Maryland.

9MM. FLOBERT, REM. UMC, BALL, 100 FOR $1.00; 45-70-500 Smokeless, Rem. UMC, box 20, $1.75, 100 for $8.25; 45-70-500 Black powder, Frankford Arsenal, copper case, box 20, $2.75; 100 for $12.50; .38 Long Colt, lead, Frankford Arsenal, box 20-60¢ in lots of 100; .41 Swiss, box 20, $2.50; .41 short R.F. box 50, $2.00. Kindly send money orders. Sorry, no C.O.D.'s. Philip Jay Medicus, 18 Fletcher St., New York 7, N. Y.

U. S. ARMY SLEEPING BAGS, ARCTIC TYPE, consisting of inner and outer mummy type bags both down and feather filled. Zipper closures on each. Can be used separately. Used, excellent condition guaranteed. Our price $18.50 prepaid. Same bags new $25.00. The Sportsman Shop, Greeley, Colorado.

TRIGGER ATTACHMENT

FOR ENFIELDS, SPRINGFIELDS, MAUSERS and KRAGS

Complete with instructions for installing. Price $2.50

This attachment will take all the slack out of the trigger on any of these military actions and will give you as crisp a trigger pull as safety will permit.

See your dealer or order direct, giving make of rifle for which attachment is wanted.

VIGGO MILLER, 4340 Charles St., Omaha, Nebr.

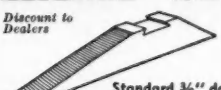
EARLE J. PHANEUF
SPORTCRAFT
CUSTOM GUNSTOCKING
THE ULTIMATE IN CRAFTSMANSHIP
CHECKERING—INLAYING—CARVING
—CIRCULAR ON REQUEST—
P. O. Box 202, Traverse City, Mich.

BOWS-ARROWS-MATERIALS

FINE BOWS and ARROWS
SELECTED RAW MATERIALS
5c Catalog — 20 pages 5c
50c HAND BOOK 94 pages of illustrated instructions on making and shooting Archery Tackle—50c
L. E. STEMMLER, QUEENS VILLAGE, N.Y.

RAMP SIGHTS

Discount to Dealers



$2.25 Postpaid

Standard ⅜" dovetail—3½" long x ½" high, 3 different radii—½" (.500), 9/16" (.562) and .600". The .562" and .600" are exactly right for Springfields, Enfields and Mausers. Blued or in the white (please state which is desired, when ordering).

COMPLETE YOUR OWN RAMP
Blanks 3½" long x ½" high; standard ⅜" dovetail; radii same as above. $1.50 each postpaid.

McKINZIE GUN SHOP
9530 S.E. Stark Street Portland, Oregon

STOP-WATCH
NEW 9-JEWEL
WALTHAM
$7.50 Prepaid

10-second, full sweep, graduated in 1/10th seconds. 10-minute inside dial. Stem wind, start, stop and reset. Nickel finish; dust, water and magnetic proof; nonbreakable crystal.

C. L. PRATT, JR. *Refiner*
35 West Grand River Detroit 26, Michigan

Beautiful **RED CEDAR** *Chests*

Indispensable for the safe storage of FURS, WOOLENS and other valuables. Large capacity (7 Cu. Ft.). Individually made by skilled craftsmen. Absolutely moth-proof—the FRESH, CLEAN RED CEDAR smell is sealed in and will last indefinitely. Handsomely finished, with quality locks. Only $39.70 delivered, C.O.D.

W. L. BOLSTAD 711 Polsgrove, Frankfort, Ky.

Some of the items we offer for Prompt Delivery

Purchases of $40 or more can be made on our Time Payment Plan— ONE-FOURTH WITH ORDER, balance in 5 monthly payments.

Remington 37 with Redfield Sights	$113.60
Winchester Model 52, Standard and Heavy Barrels, with or without sights	
Marlin 80 D.L. 8-shot bolt action .22	20.05
Marlin 81 D.L. bolt action, magazine repeater	25.55
Marlin 36 Carbine .30-30	55.60
Winchester 52 Sporting Rifle with Bear Cub Scope and Stith Mount	208.00
L. C. Smith Field Grade Double Barreled Shotguns, 12-16-20 Gauge	96.10
Same—Ideal Grade	128.95
Ithaca Model 37 Pump Shotgun	78.50
Winchester Model 21 Skeet Gun, 16 Gauge only	203.75
Lyman Alaskan Scope	60.00
Lyman Alaskan Scope with Lee Dot	72.50
Weaver K-4	52.50
Weaver K-2.5	45.00
G-88 Hunting Scope 2½X	50.00
Bear Cub Hunting Scope 2½X	50.00
Stith, King Pike, Redfield, and Griffin & Howe Mounts	
Redfield Model 70 Iron Sights	
Unertl Small Game Scope, 4 and 6 Power	40.00
Unertl Target Scope, 1" objective 8, 10 or 12X	58.00
Fecker Target Scope, ¾" objective, 4 and 6X	52.50
Fecker Target Scope, 1⅛" objective, 8, 10 or 12X	$ 70.00
Bausch & Lomb Binoculars, 7x35, including tax	168.00
Bausch & Lomb Binoculars, 7x50, including tax	194.40
Universal Binoculars, 6x30, including tax	102.00
Mossberg Spotshot	22.30
Mossberg Stand	9.95
Argus Spotting Scope	74.50
Argus Stand	8.50
Navy Waterproof Searchlight	7.95
Nydar Shotgun Sight	27.45
Paratroopers Gun Case (Excellent)	3.75
Colt Revolvers and Automatics	
Hi-Standard Model H.D.— .22 Automatic	51.17
Smith & Wesson Revolvers, M & P .38 cal., 4" barrel	56.50
Belgian Browning Automatic Shotguns—	
Grade I, 12 and 16 Gauges	103.90
Special with Raised Rib, 12 and 16 Gauges	116.40
Light 12 Model Lightweight	124.50
Sweet Sixteen	124.50

Also complete line of Cameras, both movie and still. Fishing Tackle — Rods and Reels.

Our Catalog is not yet available. Write for mimeographed list of items we are now offering.

PARKER-WHELEN CO., INC. • Dept. R-6 • 827 14th St., N.W., Wash. 5, D. C.

Trade-ins Accepted

NEW SPRINGFIELD & MAUSER SPORTERS, 24" Barrel, Number 70 Redfield receiver sight, Ramp front sight. Stock with pistol grip, cheek piece (Deluxe only), checkered, oil finish.

30-06 Standard $125.00 — 270, 220 Swift, 257 Roberts Standard $175.00 — Deluxe $200.00

Deluxe $150.00

Springfield or Mauser Action used on above calibers. $15 extra charge for Mauser Action on 30-06 only.

7mm. and 8mm. Mausers 1912/1916 honed actions, 24" bbl., bolt and safety altered, finished as our Deluxe. 8mm. $175.00 — 7mm. $200.00

We do any conversions, including left-handed actions.

FRANK PUGLIESE

2829 S. Broad St. — Trenton 10, New Jersey

NOTICE!

SHOP CLOSED SATURDAYS DURING JUNE, JULY, & AUG.

Repair, alteration, restocking, etc., of modern arms. Write first for prices and delivery date.

WURZER and PETERSON

Formerly associated with R. F. Sedgley Arms Co.
5239 N. 5th St. — Philadelphia, Pa.

PEEP SIGHTS

for KRAG RIFLES—$1.50.

For Enfield $1.50. Spring Adjustable Barrel Bands 60¢. Krag Barrel Receiver Fillets 65¢. Springfield Sporter Butt Plates 60¢. Grip Caps 35¢. Satisfaction or money refunded.

LEROY RICE — 316 Masonic Temple, Elyria, Ohio

SCOPES CLEANED REBLUED

Optical systems scientifically cleaned; all metal parts reblued; lenses adjusted for parallax; new [illegible] mount (except Alaskan) including return postage and insurance. **$10.50**

OPTICAL COATING LABORATORY
5807 M St., Hillside — Washington 19, D. C.

NEW M1903-A1 STOCKS

$1.50 POSTPAID — 2 FOR $2.50

Have one of these semi-pistol grip stocks around for a spare. Use several of them in making a gun rack or symbolic furniture for your den.

DEMRICK SALES CO. — 1424 Grant Avenue, San Francisco 11, Calif.

EXCELLENT BROWNING OVERUNDER, 12, 28", ventilated, imp & mod. SST, $165.00. Want model 21, 16, skeet or trap. P. Pickle, 370 East Loucks, Sheridan, Wyoming.

2R LOVELL ON WINCHESTER HI-SIDE EXcellent condition, fired only eight times, Buhmiller barrel by F. R. Butler, $115.00. I. O. Stone Company, 23540 West 11 Mile Road, R.F.D. #3, Birmingham, Michigan.

NEW SPARE PARTS FOR SKEET TRAPS, (Remington model 39). For parts list & prices please contact. R. L. Staples, 723 Lanier Crescent, (River Park), Portsmouth, Virginia.

IMMEDIATE DELIVERY ALL BRAND NEW, heavy 52 Marksman, no sights $89.15. Remington 37 Remington rear, Redfield front, sling $113.60. Remington 513-T Redfield sights, sling $53.50. Belgium made Brownings without rib $103.90 matted rib $116.40. Lightweight without rib, $124.50, matted rib $137.00. L. C. Smith doubles 12 and 16 single sighting plane rib, $96.10. J. L. Vincent, Sporting Goods, Aud, Missouri.

THICKSTUN DUAL MANIFOLD WITH AIR cleaner and one 94 carburetor to fit Ford and Mercury perfect $35.00. McKanna Oil Company, Luray, Kansas.

SUKALLE H. BARREL MAUSER VARMINTER .22-250, Noske 4X, Turner mount, beautiful checkered Oregon Myrtle, excellent, $195.00. W. H. Meister, Fargo, No. Dak.

MODEL 12 WINCHESTER 12 GAUGE, EXCELlent, 30" full choke, $65.00. Carl Krause, Rt. #2, Box 109, Revillo, So. Dak.

STEVENS .22 #44, FAIR, $10.00; 25-20, FAIR, $10.00; 32-40, fair $10.00; Remington .22 rolling, fair, $10.00; Springfield 45-70, fair, $10.00; Dutch 10mm. repeater, good, $12.50; Sharps 50-70, good, $15.00; H&A 32-40 Schuetzen, good, $20.00; German parlor Schuetzen, good, $30.00; Defender .38, perfect, $30.00; Corona typewriter, fair, $35.00. Ralph Drake, Osborne, Kansas.

---

12 GA. STEVENS DOUBLE, EXCELLENT, $34.00. 12 ga. Newport double, good, $27.00. .22 Savage sporter, excellent $35.00. Nydar sight, excellent, $19.00. Want 16 ga. Browning German scope. Harold M. Onsurd, 215 Academy, Stoughton, Wisconsin.

SPRINGFIELD DELUXE SPORTER, TEST fired only, $145.00, Enfield deluxe sporter, $125.00, both perfect condition. Krag sporter, good condition, $35.00, others. More information sent on request. Stamp please. Member. Jack B. Killinger, R.D. #2, Flemington, N. J.

ANTIQUE-MODERN PISTOLS, RIFLES, SWORDS, war relics; catalog 10¢ coin. Lynn B. Moore, 1001-2nd, Corpus Christi, Texas.

GOOD D.W.M. BERLIN 7MM. SPORTER RIFLE with ammunition $60.00. Perfect Bausch & Lomb 7x35 new this year $130.00. Zeiss 6x30 Featherweight outside finish worn, $85.00, with case. Excellent Winchester Enfield sporter 22" barrel Redfield 70, Lyman ramp, beautiful stock, cheekpiece and sling, ammunition $95.00. Excellent H&R sportsman $38.00. Very good .45 new service Colt $50.00. H. E. Preece, Needles, California.

---

52 WINCHESTER H.B. LATE MODEL, VAVER front, no rear, custom stock, high comb, excellent, $75.00. R. S. Tabor, Lewiston, N. Y.

SNIPER RIFLE—KAR 43, EXCELLENT CONdition stock refinished with pistol grip cap original quick detachable mount—2F4 scope, 20 rounds ammunition, $120.00. See page 13 April Rifleman. R. W. Short, 839 S.W. Green Ave., Portland 5, Oregon.

COLT .45 CALIBER MODEL 1917 REVOLVER cylinders, brand new, $3.50 each. Forward money order. No C.O.D. shipments. Public Sport Shops, Dept. R75, 13 South 16th Street, Philadelphia, Penna.

SHOTGUN SHELLS, HI-POWER CENTER FIRE, 22 match and regular ammunition by the box or case. List 10¢. Rudolph's, Atchison, Kansas. 7-47

PLASTIC REVOLVER HANDLES. WRITE FOR illustrated circulars. Sim Sales Company, 3415 No. Hoyne Ave., Chicago 18, Illinois. 6-47

HOLLAND & HOLLAND 375 H&H MAGAZINE rifle, very good $250.00. R. V. Alquist, Clay Center, Kansas.

S&W 38-44 H.D. 4" BARREL, ADAPTER, holster, perfect, $70.00. George B. Fleming, 2000 Orchard Street, Chicago, Illinois.

HANSON'S CUSTOM LOADING

Scopes | Primers | Bullets — Loading all Wildcats, Japs and German Cartridges. Case Forming. — Rifles | Pistols | S. Guns

Write for circular. BONNER SPRINGS, KANS.

WINCHESTER MODEL 70-300 MAGNUM TARget. H.B. new perfect 40 rounds, $175.00. Shot less than 40 rounds, sights, front ramp, rear, 48 WJS. Harry E. Blair, 1234 Fourth Avenue, Akron 6, Ohio.

EXCELLENT GERMAN FACTORY WAFFENwerke Bronn Aktiengesellschaft 7x57mm. Mauser sporter 1942 model, scope blocks, beautiful workmanship, lightweight, 40 Remington cartridges, $135.00. L. F. Turner, 1410 Forsythe Road, West Palm Beach, Florida.

SHOTGUN CASES FOR AUTOMATICS AND double barrels, takedown model made of heavy duck with leather handle and heavy leather reinforcements, a wonderful value at $2.95. When ordering state model and barrel length. Goodwear Sporting Goods Company, 177 Flatbush Ave., Brooklyn, N. Y. 7-47

.256 BUFFALO NEWTON GOOD TO V.G. $75.00. New Savage 23D Hornet, excellent 330 Weaver scope v.g. $90.00. 6.5mm. Jap rifle $15.00. French revolver $10.00. Pacific tool 30-06, 30-40, 250-3000 dies $40.00. E. D. Sawyer, South Haven, Michigan.

8MM. MANNLICHER-SCHOENAUER CARBINE, antinit, Oesterr Waffenfabric, Ges, Steyer, very good, Rotary magazine, plated D.S. triggers, 6¾ lbs. checkered sporting stock, scope mounts, 40 American Soft point, $140.00. Draft—Inspection. Member. Ben Wescott, Montier, Missouri.

BULLETS: 22-270-30-06-8MM. THESE BULLETS are designed for super accuracy and magnum velocities. Write for free literature and price list. Modern Gun Shop, 327 Georgia, Hynes, California.

NEW 70 HORNET UNFIRED, K4 LEE DOT, 300 shells, $240.00. .257 Weatherby Magnum, refined Enfield action Alaskan, Stith, Lee. 130 shells, dies, very good $250.00. Bob Ball, 818 W. 18th Street, Sioux Falls, South Dakota.

M70—220 SWIFT, WITH 8X JUNIOR LYMAN targetspot, flame maple stock, all excellent $175.00. E. M. Sauer, Watertown, So. Dak.

ITHACA 37, HI-STANDARD HD-MILITARY, Browning auto, 16 ga. others, all perfect, current list price. Remington-Springfield 03-A3, Redfield Jr., Weaver 330 as issued, excellent $100.00. Want M70-.257, 220. Targetspot, ammo., tools. J. W. Talley, 710 Monroe St., Roanoke Rapids, No. Car.

.38 COLT OFFICERS MODEL, PERFECT, 8" Marbles bone handle hunting knife, highly embossed Heiser holster, sheath and 2½" 41" belt, must sell together $70.00. J. C. Wray, Stratton, Nebraska.

CHRISTOPH FUNK O&U TRAP GRADE 12GA. box lock, finest of Circassian, single selective, ventilated ribbed barrels, excellent $450.00. New 30-06 Springfield barrel $10.85. J. P. Sauer 16x7x57R 40 rounds rifle ammo. v.g. $155.00. New 30-06 Mauser barrel $14.95. New 30-06 barrels fitted to Mauser actions $27.50 complete. A. Wunderlich 12 ga. O&U beautiful gun, v.g. $245.00. 40 Zeiss-Hensoldt-Gerard-rifle scopes, 100 quality English & German rifles, price list on application. Want James Purdy & Son shotgun or double rifle any condition, Westley-Richards-Lang-Boss English guns. H. C. Osborn, Box 1267, San Antonio, Texas.

GUN CASES, FULL LENGTH ADJUSTABLE takes rifles & shotguns up to 48" Suedelike finish, soft fleece lining, waterproof and sturdy reinforced, a wonderful value at $1.69 each. Goodwear Sporting Goods Company, 177 Flatbush Ave., Brooklyn, N. Y. 7-47

SHARPS ARMY RIFLE, WITH EXTRA INTERchangeable carbine barrel. Ideal reloading tool & Ideal complete mould #515142, extra mould blocks #515141. Rifle and accessories, all 50-70 caliber, good outfit $58.50. Colt's Muzzleloading Army rifle .58 caliber, good, $24.50. Wm. R. Burkhard, 143 East 4th St., St. Paul 1, Minnesota.

FIRST PRIZE GREENER SHOTGUN AT World's Fair, cost $1100.00. Bargain $500.00. Excellent. Warren Baker, 5106 Liberty Ave., Pittsburgh, Penna.

U. S. GOVT. SURPLUS CLOTHING BARGAINS, Men's, Women's. Free catalog. Dept. AR, New York Clothing Co., 2079 Second Ave., New York 29, N. Y.

ENFIELD SPECIAL, $20.00. UNTIL SEPTEMber first only. Complete metal work job including precision milling (not ground) rear sight to specifications in February Rifleman. Straighten trigger guard, cut and crown barrel, reblue action and barrel and polish bolt. Ten day service. The Sportsman Shop, Greeley, Colorado.

EMBLEMS - BRASSARDS
Write for Sample and Price List
Your Design or Mine
C. O. WOOD - 124 ONTARIO STREET, LYNN, MASS.

BAUSCH & LOMB BINOCULARS

Good Used Reconditioned 6 x 30 Ind. Focus **$37.50**

U. S. Naval Gun Factory Model **$32.50**

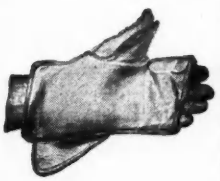
Excellent Bausch & Lomb 7x50, coated optics, $120. Sard 7x50, $90. Hensoldt 8x56 featherweight, $145. New Hensoldt 7x42 featherweight, $125. Hensoldt 6x42, $95. New Leitz 6x30 featherweight, $150. All with case. Prices include 20% tax. Stevens 12-gauge pump shotguns, 20" barrel, Gov't Grade 1, $32.50. Request list.

LOUIS DOMINGUES
3501 Asbury **Dallas 5, Texas**

FOR THE SHOOTER BY A SHOOTER

FREELAND DELUXE OFFSET TRIPOD.. $9.50
FREELAND NEW ALL-ANGLE TRIPOD.. 11.50
ARGUS SPOTTING SCOPES 74.50
MOSSBERG SPOT-SHOT 22.30

Freeland Champion Rifle Stocks..... $45.00
Freeland Shooting Mats.....$12.50 & 17.50
Mitchell Shooting Glasses..... 11.60
B&L Shooting Glasses.....$15.00, 16.50
Wall Type Gun Racks.....$3.50, 3.75
Freeland Rifle Glove $3.50
Freeland Zipper Holster Rug $4.50
Freeland Sheep-wool Rifle Cases... $15.00
Freeland Sling Keepers ..$1.00
Primers, M $6
Trigger Shoes ..$2
Alaskan Scope $60



513TR REMINGTONS.. $53.50
52 HB. Winchesters, less sights 89.15
75 Winchester, less sights 45.05
HDM HIGH STANDARD 51.17
HY SCORE AIR PISTOL.. 25.00
.38 M&P S&W 4" & 5".. 56.50
L. C. SMITH 16 & 20 Ga.. 96.10
MARLIN 81DL .22..... 25.55

Freeland Deluxe Cuff & Hook.. $3.00
Freeland Short Sling for Cuff... $1.45
Freeland Supreme Cuff & Sling $3.75

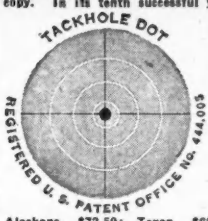
Lyman Jr. Reloader.....$22.00
Badger Rifle Kit..... 12.85
Red Head Rifle Coat.....8.50-9.50

VAVER, REDFIELD & G&H SIGHTS
ALL AVAILABLE SCOPES & MOUNTS
Du Pont & Hercules Powders
.22 & .38 Ammunition
FULL SHOOTING SUPPLIES. Write for Catalogue

AL FREELAND
3737 14th Ave. **ROCK ISLAND, ILL.**

TACKHOLE DOT

The Original Center Dot reticule for scope sights, not a copy. In its tenth successful year. Acclaimed by many thousands of big game hunters, vermin and target shooters as world's best reticule. Mers speed and accuracy. Now factory equipment in Lyman, Texan, Fecker and Unerti scopes. Prompt installation in Weaver K, 330, 440, $8.00; Alaskans, Texan, $12.50; Bear Cub, $10. Free illustrated folder and price list shows other models. New scopes immediate delivery. Tackhole Dot equipped, Weaver K2.5, $53.00; K4, $60.50; Alaskans, $72.50; Texan, $62.50; Bear Cub, $60.00. Litschert attachments to increase power of above scopes, list. Stith, Redfield and Williams mounts for 70 & 99, list. Argus spotting scopes, $74.50. Prompt service as usual.



T. K. LEE
P. O. Box 2123 Birmingham 1, Ala.

AMMUNITION!

9mm. LUGER
AUTOMATIC PISTOL CARTRIDGES, *Smokeless*
(Also Fits P38 Automatic Pistols) Per box of 50.... **$3.95**
(Limit 10 boxes to each customer)
(Price includes packing in wooden container)

8mm. MAUSER
RIFLE CARTRIDGES, *Smokeless*
Per Box of 20 *(Limit 10 boxes to each customer)*... **$3.15**
(Price includes packing in wooden container)

- *LIMITED QUANTITY*
- Allow two weeks for Delivery
- MONEY BACK GUARANTEE!

KLEIN'S
SPORTING GOODS
227 W. Washington St. Dept. AE
CHICAGO 6, ILL.

Gentlemen: Please ship (express charges collect) the following ammunition for which I enclose $..... ☐ Money Order ☐ Bank Draft ☐ Check.
(COD orders must be accompanied by 20% deposit.)

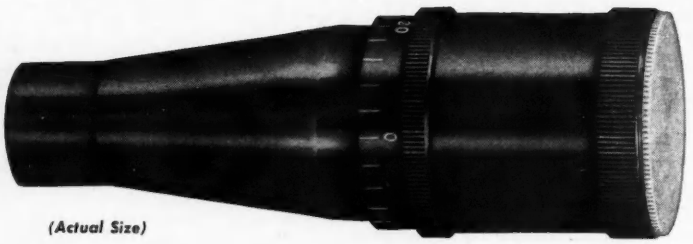
..... Boxes 9 mm. cartridges at $3.95 per box of 50
..... Boxes 8 mm. cartridges at $3.15 per box of 20
☐ Send me Free big, new 60-page Klein's Sporting Goods General Catalog.

Name.....
Address.....
City..... State.....

Detroit Public Library

Announcing—

The New Install-It-Yourself "VARMINT MASTER" Hunting Scope Attachments, 6X and 8X



(Actual Size)

Now you can have a vermin scope and hunting scope all in one.

Features:

1. Threading of scope tube not necessary for installation of new "VARMINT MASTER" attachment.
2. Complete instructions for installation of each attachment.
3. 1¼" Objective.
4. Conted Lenses.
5. Improved focusing adjustment.
6. Perfect alignment of attachment on scope.

PRICES for the new Install-It-Yourself "VARMINT MASTER" are as follows:

29S, 330, and 440 Weavers	$17.50
K-2.5 and K-4 Weavers	18.50
Alaskan Scopes	20.00
Texan Scope	20.00
G-8S Scope	20.00

We can also furnish the "VARMINT MASTER" attachment for other makes of hunting scopes. Write for literature on these New Attachments.

DEALERS—Write for quantity purchase discounts

R. A. LITSCHERT

Winchester, Indiana

A TOOLSHOP IN YOUR HAND

JACK OF ALL TRADES AND MASTER OF PLENTY

Smooth, steady power at your fingertips! HANDEE uses 500 different accessories, such as a special mounted grinder that fits inside large size primer pockets to clean out the hard-caked residue, for routing gun stocks, grips or blanks, scoring, grooving or fluting, matting or mottling metal. AC or DC. 25,000 r.p.m. Wt. 12 oz. In steel case with 40 accessories postpaid, $27.50. Handee only with 7 accessories $20.50.

FREE! 52-Page Manual

CHICAGO WHEEL & MFG. CO.
1101 Monroe St. Dept. AR
Chicago 7, Ill.

HANDEE TOOL OF 1001 USES

PRIMERS

Winchester Nos. 120, 115, 116, 111 and 108. Remington Nos. 9½, 6½, 2½ and 1½. The No. 8½ Remington has been discontinued. Western Nos. 8½, 7, 6½ and 1½. $6.00 per 1,000 F.O.B. here. Smaller lots are 60¢ per 100, plus a packing charge of 25¢ per shipment when order is for less than a total of 1,000 primers. Primers cannot be mailed; must be shipped by express.

CASES—For the 8 mm. rimless Mauser, commonly known as 7.92 x 57 mm. Empty, unprimed. Made from once-fired 30-06 cases. 6¢ each F.O.B. here. Include money for postage or can ship express transportation charges collect.

Write for list of items we can supply for immediate delivery, which includes Du Pont & Hercules powders, Speer and Sisk bullets, empty primed cases, loading tools, scales, powder measures, scopes, mounts, ammunition, etc. Stamp appreciated.

LINDAHL GUN COMPANY

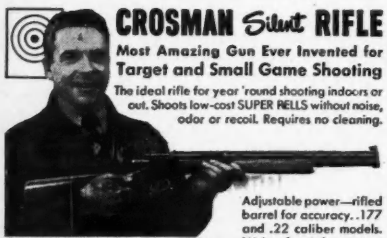
Reloading Supplies

CENTRAL CITY NEBRASKA

CROSMAN Silent RIFLE

Most Amazing Gun Ever Invented for Target and Small Game Shooting

The ideal rifle for year 'round shooting indoors or out. Shoots low-cost SUPER PELLS without noise, odor or recoil. Requires no cleaning.



Adjustable power—rifled barrel for accuracy. .177 and .22 caliber models. Write for information.

CROSMAN ARMS CO., INC.
29 HENRIETTA ST., ROCHESTER 7, N. Y.

ORIGINAL

U. S. SPRINGFIELD MOD. 1903

Cal. 30-06 barrel and action assemblies, complete with trigger guard, no sights, headspaced, condition v.g. to excellent; above #1,275,767, $45.00. Above Springfield #800,000, $40.00. Under #800,000, $35.00. New semi-pistol grip military stock, $3.00. No C.O.D. Money refunded if not satisfactory. Complete issue rifles, $45. to $55. Send self-addressed envelope for additional details.

MARTIN B. RETTING, West Hurley, New York

SURPLUS AND DUPLICATES FROM PRIVATE collection—J. H. Hall breech loading rifle, 1831, good $45.00. French rampart rifle 90 cal. gain twist rifling, with mould and balls, excellent, works like the Hall, $35.00; .58 caliber Civil war rifle excellent, $20.00; very fine German D.B. pin fire shot gun, 16 ga. with shell, highly engraved, beautiful stock, looks like new gun, $50.00; Wesley Richards 12 ga. D.B. shotgun, just reblued, oil finished stock, rechecked grip, steel barrels, in good shooting condition $25.00; Winchester repeating shot gun, model 1886 lever action, 12 ga. good shooting condition $25.00. Henry .44 rim fire rifle, just reconditioned, in excellent condition out, barrel some rough, inside $50.00. One good 32-20 Winchester model 1892, barrel excellent $30.00. Two 45-70 Springfield rifles, need cleaning, barrels good $7.50 each. Several high grade English D.B. muzzle-loading shotguns, write for detailed price list. W. I. Bowman, Danville, Illinois.

.219 IMPROVED ZIPPER, HI-WALL, ACTION v.g. new H.B. $60.00. B&L Lab. scale v.g. $40.00. 115 copies Rifleman $15.00 good few damaged. Z. L. Lyonais, Rt. #4, Box 660, Renton, Washington.

HANDLOADERS SUPPLIES: 1 STAR PROGRESsive reloading tool .38 special $100.00. 1 Star Sizor and lubricator .38 special $28.00. 1 Star Sizor and lubricator .45 caliber, $28.00. Pacific Standard tools, 270 Winchester, 220 Swift, 22-250 Var., .45 ACP each, $27.50. Also a limited supply of DuPont powders, primers and bullets, send for price list. We have just received a small shipment of the following ammunition. 8mm. Mannlicher-Schoenauer 200 gr. box of 20, $2.66. .257 Roberts 100 gr. box of 20, $2.46. .30 Remington, box of 20, $2.05. 44-40 Winchester soft point, box of 50, $3.54. 38-40 Winchester soft point, box of 50, $3.59. Johnston & Chapman Arms Company, Richmond 22, Virginia.

TRAP GUN ITHACA #5 GRADE 12 GA. 34" barrel straight grip stock, very good condition, $198.50. Winchester trap grade mod. #12 beautiful straight walnut grip and forend 30" ribbed barrel, very good condition, $119.50. Trap grade Winchester model #12 same specifications as above with 32" barrel, very good condition, $119.50 Zella Mehlis, imported custom trap gun 32" ventilated barrel beautiful walnut stock, pistol grip & cheekpiece exquisite engraving including gold pheasants, ducks, etc., also gold trigger, this is truly a very fine gun in excellent condition, $249.00. Goodwear Sporting Goods Company, 177 Flatbush Ave., Brooklyn, N. Y.

WINCHESTER MODEL 94 CARBINE 30-30 CALIber rifle with sling, sheepskin case, and 8 boxes shells perfect condition, $85.00. Ithaca model 37 shotgun 20 gauge with canvas case, ram rod & brush, 11 boxes shells, perfect, $100.00. Grand Smith, 901 No. Ewing St., Helena, Montana.

205 AMERICAN RIFLEMAN, AUGUST 1929 TO December 1946 inclusive, 4 copies missing, February, March 1930, August 1931, January 1936, good condition $34.00. James F. Wahl, Rt. #3, Jerseyville, Illinois.

.220 SWIFT CCC, MODEL 70, EXCELLENT IN, very good out, Alaskan, Lee Dot, Redfield Junior, 1300 bullets, 500 primers, Swift dies, CCC dies, 250 cases, $250.00. J. S. Parker, Trona, California.

WINCHESTER MODEL 42, RIBBED BARREL, Cutts comp., straight-grip stock, recoil pad, figured wood, fancy checkering, short slide handle to match, perfect, $100.00. C. Lammey, 1025 No. West, Wheaton, Ill.

HOFFMAN 404, CHECKED, CHISELED, LYman 48R, cheekrest, sling, sole leather case, 40 cartridges, perfect $250.00. .257 Remington Roberts Model 30S Express, Griffin & Howe double lever mount, Hensoldt Ziel Dialyt 4X scope, Lyman 48R, checked, 170 rounds factory ammo. leather cartridge case, B&M Loading tool, 200 unprimed cases, 550-87 gr. 450-100 gr. bullets, all factory condition $350.00. H. R. Sheldon, 201 So. Victoria Ave., Pueblo, Colorado.

NIEDNER BULLGUN, 30" BARREL, REMODeled Remington Enfield action, altered bolt, single-shot, special trigger guard, single set-trigger, scope blocks, weight 12¾ lbs. Perfect out, excellent in, fired 250 times. Plain stock, good. Caliber .30 Newton, with 20 new cases, 40 fired, Pacific neck die, $117.00. Roy Dunlap, 1727 East 6th, Tucson, Arizona.

WINCHESTER MODEL 94 30-30 OR .32 SPECIAL caliber brand new $56.50. Remington model 141 .35 Remington caliber brand new $95.60. Winchester model 12, all gauges brand new $78.50. Remington model 11 auto. shotguns all gauges brand new $94.00. Write us about tne rifle or shotgun you are looking for, we may have it in stock. Goodwear Sporting Goods Company, 177 Flatbush Ave., Brooklyn, N. Y.

5,000 BARGAINS Antique and Modern Arms Accessories, War Relics, Binoculars. Big Descriptive Catalog 40c.

JOHN W. SMITH, Rambler Ave., Runnemede, N. J.

220 SWIFT, SPRINGFIELD ACTION #1,400,000, Buhmiller barrel, barrel and action excellent, stock very good, scope blocks, $90.00. .257 Remington custom sporter, 440 Weaver Edwards attachment, excellent thruout, $152.00. Lowell Wood, 142 Corner Avenue, Idaho Falls, Idaho.

WINCHESTER HI-SIDE LOVELL H.B. UNERTL 6x Lee Dot, excellent, 100 cases, 200 bullets, 200 primers, powder, $100.00. Pacific dies $12.50. 98 Mauser good $40.00. Mauser action D.S.T. $35.00. Want Zipper ammo. & Target scope. O. J. Ratliff, Richlands, Virginia.

30-06 ENFIELD SPORTER, REDFIELD REAR, Lyman ramp band front, new bluing, muzzle brake, ammunition. All conversion done by Johnson automatics, excellent condition $65.00. Richard Nasman, 136 Hartsdale Road, White Plains, N. Y.

WEAVER 440C CROSS HAIR $25.00. REDFIELD Jr. for Winchester 70, $8.00. Both excellent. Ed Ahern, 111 Greenwood, Battle Creek, Michigan.

REMINGTON 513T, REDFIELD SIGHTS, SLING, excellent $45.00. Earl Schlichting, Douglas, Wyo.

MODEL 71 .348 VERY GOOD, CLEAN, LYMAN Alaskan, G&H mount, refinished stock, $155.00. 38-44 S&W H.D. 5", excellent, ranger holster, 144 factory loads, $85.00. Both $230.00. J. W. Potter, 144 Thos. Jefferson Drive, San Antonio, Texas.

GREIFELT HAMMERLESS DOUBLE 12, STOCK cracked, strongly repaired, good $60.00. John Colbert, East Chatham, N. Y.

LOADING BLOCKS—HARDWOOD, NICELY FINished, capacity 60. Rows of 5. 22 cal. L.R. 50¢ postpaid. Home Work Shop, 4438 Penn., Kansas City 2, Missouri.

BROOKLYN SPORTSMEN SHOP AT THE GOODwear Sporting Goods Co., complete stock of guns & accessories, fishing tackle, archery, etc. 177 Flatbush Ave., Brooklyn, N. Y. 8-47

M1, 1922, 22 CALIBER, SPRINGFIELD RIFLE, good $55.00. Stevens, model 10 pistol, fair $23.50. 1860 Colt Army, fair, $15.00. H. E. Witmer, Ashland, Ohio.

GENUINE GERMAN 8MM. MANNLICHER-Schoenauer rifle, new and in fine condition, never used, $800.00. Inspection here only. D. J. Menard, 3 Charlton St., Worcester, Mass.

EXCELLENT, TWO MILITARY MAUSER PISTols less barrels $25.50 each. Excellent P.38 $27.50. Smith & Wesson .35 caliber pistol ammo. $3.25 box of 50. R. W. Krohmer, 1609 Mahantongo St., Pottsville, Penna.

BRAND NEW GUNS—WINCHESTER, MODEL 70, caliber 30-06, or 270 $106.00. Caliber 300 H&H Magnum, with 48WJS $117.50. Winchester, model 64, 32 special, $79.75. Winchester, model 94, 30-30 or .32 Special, $56.50. Winchester, model 71, 348 caliber $85.15. Winchester, model 12, pump 12, 16, or 20 gauge, $78.50. Remington, model 31, pump 12, 16, or 20 gauge, $78.50. Remington, Sportsman, auto. 12, 16, or 20 gauge, shotguns, $94.00. Ithaca model 37 Featherweight pump, shotguns, 12, 16, or 20 gauge, $78.50. L. C. Smith, Field grade, double barrel, shotgun, 12, 16, or 20 gauge, $96.00. Remington, 141A, .35 caliber pump rifle $95.60. Marlin, model 36, caliber 30-30 or .32 Special, carbine $55.60. Marlin model, 36A, caliber 30-30, 24" barrel, $65.50. Winchester, model 63, auto. .22 short or .22 L.R. $57.50. Winchester model 61, hammerless pump, .22 caliber $44.50. Remington model 241A, auto. caliber .22, $57.50. Remington, Woodmaster model 81A, auto. $120.00. Winchester, model 97, 12 gauge pump shotgun $61.50. Winchester model 75, caliber 22, target rifle no sights, $45.05. Winchester model 62, caliber .22, pump rifle, $37.50. Winchester, model 52, standard, no sights, $79.50. Hi-Standard, H.D. military, .22 caliber target pistol, 4½" or 6¾" barrel, $51.00. Smith & Wesson, .38 Special, military & Police 2", 4", or 5" $56.50. Mossberg model 151M, new improved .22 caliber automatic, $30.90. Crossman air rifle, with 1000, .22 caliber pellets, $22.50. Terms, any of the above upon receipt of $10.00. Certified check or money order, balance COD, subject to inspection. Miller's Sport Shop, 142 No. 8th Street, Philadelphia 7, Penna.

PRIMERS REMINGTON, 9½, 6½, 2½, 1½; Winchester 120, 115, 116, $6.00 per M. .25¢ packing charge on less than one M. FOB Grand Island. Hercules powders Hi-Vel #2 and #2400 $1.95 per lb. Unique and Bullseye $1.25 per 8 oz. Speer bullets .224 40, 45, 50, 55 grain $2.80 per C. .228 caliber 60 grain $2.95, 75 grain $3.25 per C. Winchester 52, HB, Lyman 48 and 77 sights $105.80 each. J. W. Hornady, 324 West Fourth, Grand Island, Nebraska.

CAST BULLETS

Sized and lubricated—ready to load. Two-page list. Stamp appreciated.

MITCHELL'S GUN SHOP Hanover, N. H.

Good Shooting means Good Equipment

GET READY FOR PERRY NOW!

.22 L.R. Regular	$10.25	Davidson M 218 Scope	$22.50
.22 Match Grade	12.30	Scopod to match	4.75
.32 S. & W. Long	2.10	Lyman Alaskan	60.00
.38 Spl. Mid-range	2.50	Weaver K4	52.50
.38 Spl. Full Chg.	2.55	Weaver K2.5	45.00
.45 Auto	3.75	(Dot reticule extra)	
PRIMERS, fresh stock	6.00	Redfield Jr. Mts. $10.75, $12.75, and $14.75; specify size. King-Pike $17.50; Echo $17.50; G & H $25.00. We install them RIGHT and QUICK!	
(Send for components list showing powders, bullets, cases, tools, etc.)			
Argus Super Scope	$74.50		

PLAIN RAMP (fastens with one 6 x 48 screw in bottom of standard sight slot—or can be soldered), milled to fit barrels of Mauser, Enfield, Krag, Springfield (specify), complete with gold or ivory bead, $3.75.

Redfield 70, $8.50—102, $5.75

Lyman 48, $12 to $14. (Most in stock, pretty hard to keep up on Enfield and Mauser though!)

BADGER .22 TOURNAMENT SCORE BOOK

55 sheets with replica of tournament targets on both sides—50 yard, 50 meter, 100 yard & 200 yard—loose-leaf, $1.00.

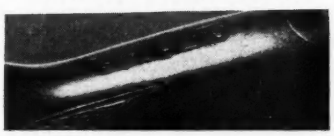
Send for ***"HEADLINER" showing M/52s, M/37s and other hard-to-get merchandise in stock.***

SURE WE TRADE!

Badger SHOOTERS SUPPLY
OWEN, WISCONSIN

ANDERSON

NEW SHOTGUN TYPE SAFETIES
FOR 99 SAVAGE RIFLES

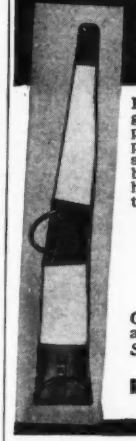


Easily installed. No heat necessary. Complete instructions and parts, $11.50; installed in our shop, $16.50. This type safety installed on all popular bolt action rifles. Quiet. Fast. No Fumbling. We are completely equipped to remodel your rifle or build you a new one. Write for prices. Featuring Echo Mounts and all popular scopes. Buy your scope and mount here and we will make installation free of charge. Prompt service.

H. B. "Andy" ANDERSON
1203 Broadway Yakima, Wash.
In Canada: Ellwood Epps, Clinton, Ont.

SHEEPSKIN GUN CASE

Custom-made by NICHOLS



Each case individually cut to fit the gun for which it is made. Universally preferred by expert riflemen and experienced sportsmen. Exclusive design features more perfect fit and better carrying balance. Made to highest standards of quality in material and workmanship.

It pays to buy the best.

PRICE POSTPAID

Standard Size Case	$11.60
Rifles with Sport Scopes	$13.70
Rifles with Target Scopes	$14.60

Give make, model, gauge or caliber and over-all length of gun.

Send check. Order now. Ask for new Sportsmen's Catalog.

R. C. NICHOLS CORP., YARMOUTH, MAINE

Everything for Outdoorsmen

SIGHTS

RETAIL AND WHOLESALE

We believe that we have the largest and most complete stock of ALL MAKES of new and used sights & scopes in the U. S. Used sights in excellent or better condition taken in trade. Expert sight mounting and targeting. Fast and accurate service.

Dealers inquiries invited.

WRITE US REGARDING YOUR SIGHT PROBLEMS.

THE ORIGINAL SIGHT-EXCHANGE

"Gun Sight Specialists"

P. O. Box J Paoli, Penna.

Price $1.00 Delivered

AUTO EMBLEMS!

This distinctive auto emblem immediately identifies your overseas unit. This insignia is reproduced in the Official colors of your outfit, on a white shield as shown. The shield is riveted to an attractive blue background which has gold lettering. Both shield and background are fabricated of HEAVY GAGE STEEL with baked enamel finish for durability—3½" Diam. We can supply insignia for all armed forces (except units smaller than Divisions). Background lettering can be supplied as shown, or "VETERAN WORLD WAR II" or "VETERAN WORLD WAR I" (STATE INSIGNIA AND LETTERING DESIRED). Mail remittance to:

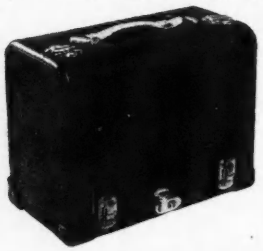
COX-FERRELL MFG. & SALES CO.
653 West Hancock Detroit 1, Michigan

PISTOL CASES $24.95
4-GUN MODELS
(Less Scope Mount)

The Star Shooter's Kit—A must for every pistol shooter.

An attractive streamlined pistol kit of rigid construction throughout. Assured minimum weight. Guns and ammunition easily accessible while in use on the shooting bench. Can be used as a scope stand which need not be removed as scope closes into compartment. Has removable block and tray. Gun slots in block and bottom of tray are covered with dark, soft velvetine. Leather-protected corners, inset carrying handle and ball feet for bench use. Lock, with key, and hinges are of finest quality. Finished inside and outside with sturdy washable Du Pont Fabricoid in brown color. Over-all length 15½"—over-all height 12"—over-all width 7⅝". Inside dimension of scope compartment 14¾". (Approximate weight packed 10 lbs.—shipped Express collect.)

The famous O'Dell scope mount (as illustrated) can be furnished for the following spotting scopes: Argus, Bausch & Lomb 50 m/m. Bausch & Lomb Draw Tube, Wollensak, Mossberg, Sportscope and Mark 218 ($4.50 additional).



LIMITED QUANTITIES OF THE FOLLOWING, FOR IMMEDIATE DELIVERY

Smith & Wesson M&P, 4" & 5" barrel	$56.50
Smith & Wesson 38/44 Heavy Duty, 5" barrel	64.00
Smith & Wesson 1926 Model .44 Military	64.00
Smith & Wesson U. S. Army 45 Model	64.00
Hi-Standard HD-Military, 4½" & 6¾" barrel, walnut grips	51.17
Harrington & Richardson Sportsman 22 cal. revolvers	47.95
Springfield Model 311 Double Barrel Shotgun, 12, 16, 20 ga.	47.95
Marlin Model 36 Lever Action 30/30 Carbine Rifles, 6&7 shot	55.60
Winchester Model 94 Carbine Rifles, 30/30 & 32 special cal.	56.50
Remington Model 513 TR 22 Cal. Rifles, Redfield sights	$53.50
Marlin Model 81-DL 22 Cal. Bolt Action Tubular	26.30
Marlin Model 80-DL 22 Cal., 8-shot clip, bolt action	21.50
Ithica Featherweight Standard Grade Repeater, 12 gauge	78.50
Crossman Single Shot and 1,000 pellets, 22 cal.	22.50
Mossberg Model 151-M 22 Cal. Automatic Rifle	32.90

(All firearms shipped Express collect)

We carry a complete line of Pointer and Franzite pistol and revolver grips (list free). Scopes, mounts, etc. Get on our waiting list for the items you have been wanting. All letters answered.

NATHAN POSNER, Mgr. Life Member

STAR SPORTING GOODS CO. Dept. NP-1, 83 3rd Street San Francisco 3, California

---

A POLY CHOKE

on your favorite pump or automatic shotgun makes it Nine Guns in One. Send us barrel only, give overall length desired, and we do the rest here in our own shop with five-day service, or less. The price of a Poly Choke is $14.75 installed. We return your barrel prepaid.

CONVERSIONS

Custom rifle work, rebarreling, and all types of repairs. Write for price list.

THURMAN RANDLE & CO.
208 N. Akard St. Dallas 1, Texas

I. O. STONE CO.

Complete Gunsmithing

REBARRELING

.219 Donaldson Wasp, Rimmed and Rimless	
.219 Zipper	.300 H. & H. Magnum
.219 Imp. Zipper	.300 Savage
.2R Lovell	.270 Win.
.22-250 Var.	7 mm Mauser
.218 Bee	8 mm Mauser
.218 Imp. Bee	6.5 mm Mannlicher
.220 Swift	.257 Robts.
.22 Hornet	.250-3000 Savage
.25-06 Gipson	.257 Ackley Imp.
.30-40 Krag	.270 Ackley Imp.
.30-06 Gov't.	

Fine sporting and varmint rifles, military conversions.

Life Member

23540 West Eleven-Mile Road, Route 3 Birmingham, Mich.

"HOUSE of HUDSON" offers

Cartridges rim-fire .22 .25 .32 calibers	See List
Remington Auto. S.G. 12, 16, 20 gauge	$94.00
Win. Mod 61 Repeater, 22 short only	46.55
Win. Mod 62 Repeater, 22 short only	37.50
Mossberg Bolt Action, 20 gauge repeater	22.95
Rem. Auto. Barrels only, 12 ga. 26" Imp. Cyl.	28.50
Rem. Auto. Barrels only, 12 ga. 26" with Cutts Comp.	44.50
.303 British Cartridges, 174 gr., M.P., per 100	7.50
7.5 m/m French MAS Rifle Ctgs., M.P., per 100	15.00
7.65 m/m Belgian Mauser Rifle Ctgs., M.P., per 100	15.00
6.5 Dutch & Rumanian Rim Ctgs., M.P., per 100	25.00
Mossberg .22 cal. 46B repeater, 25 shots	$23.90
Mossberg DeLuxe .22 cal. repeater, Model 46M	27.95
Mossberg Bolt Action, 410 gauge Repeater	20.55
Smith & Wesson .38 Spec. M & P, Blue, S. Butt	56.50
Crossman S.S. Air Rifle, .22 cal. & 1000 pellets	22.30
Barrels for Smith & Wesson, .38 Spec. 4" blue, Perfect	4.95
45 Colt revolver cartridges, Lead, per 100	6.20
.357 S&W Magnum cartridges, per 100	6.80
.41 Swiss rim fire, lead ctgs., per 100	12.00
.40/65 Winchester C.F., soft nose, per 100	13.00
New Magazines, Colt .45 Auto.	1.65

Send Stamp for complete list—GUNS, AMMUNITION and PARTS

HUDSON SPORTING GOODS COMPANY, (No C.O.D. Orders) R-52 Warren St., New York 7, N. Y.

1—.455 WEBLEY TARGET REVOLVER, ADJUSTable sight, 7½" barrel, 40 oz. good, $50.00. 1—.45 Colt DA, good, $45.00. 1—1917 for Army cartridge, good $45.00. 1—single shot Stevens, looks like auto. fair, $20.00. 1—Colt Woodsman, shoots regular & Hi-Speed, fair 6½", $40.00. 1 case 3" Winchester Magnum 1⅝ oz. #4, box same thing, #6, $3.25. 1 case 2⅞ 10 ga. #6, $3.25. Want 1000 9mm. pistol cartridges. A deposit required. W. M. Perry, 1609 Main St., Columbia, So. Car. Member.

M70 30-06 WITH ALASKAN AND REDFIELD new $185.00. M52 HB new $105.00. Excellent M61 Lyman mounts, also 29S and B mounts $66.50. M63 Automatic new $57.50. Perfect M12 skeet grade 20 ga. 26" skeet with rib $100.00. Jefferson Trader, Pocomoke City, Maryland.

.22 CALIBER RELOADS AT REASONABLE prices, new custom loaded .22 Zipper $11.00 per 100. New 330 Weaver $28.00. Lyman scopes, sights in stock, lot of guns, parts sold and traded. M. Pecha, Acushnet Ave., Worcester, Mass.

CUSTOM LOADING, YOUR CASES, HORNET, Kilbourn Hornet, 6¢ each. 22-250 8mm. 10¢ each. 8mm. and K cases 6¢ extra. Model 19 N.R.A. Savage, Weaver 440 coated, Redfield Junior mount, metallic sights, all perfect, complete $75.00. 19 N.R.A. Savage, metallic sights, sling, perfect, $45.00. Robert Soder, McAlisterville, Penna.

7.63 MAUSER, GOOD, $36.00. 9MM. RADOM, good, $25.00. 9MM. Luger 6 good, Heiser holster, $45.00. 9mm. Mauser, good, holster stock, $40.00. 44-40 Colt, S.A.A. good $35.00. .45 S&W D.A. excellent in, good out, $40.00. D. B. Conley, Swampton, Kentucky.

GUNS NEW AND USED, RIFLES, SHOTGUNS, bought, sold and exchanged. Goodwear Sporting Goods Co., 177 Flatbush Ave., Brooklyn, N. Y. 8-47

COLLECTORS ITEMS. HENRY RIFLE, COLTS .22 rifle, Colts lever action, Winchester model 1873, others. Write for detailed list. Ed. Haley, Buena Vista, Colorado.

WINCHESTER 52HB, BEAUTIFUL CUSTOM stock, Lyman 77 & 48, very good $95.00. 95 copies Rifleman 1934 to date $15.00. B&L prismatic with stand, $55.00. New Vaver W-11-AF, $5.00, 35-Miert $15.00. Accept fair S.A. as part trade. Ray Stingl, 509 East Superior St., Duluth, Minnesota.

WINCHESTER 52 HB MARKSMAN STOCK LYman 48R 77F scope blocks no-slip butt plate, perfect in, excellent out, $100.00. Cliff Dale, 209 Capitol St., Salinas, California.

THREE BAND CUSTOM SCOPE MOUNT FOR Litschert and Edwards attachments $20.00 and regular two band custom mount for all side ejecting rifles $15.00. Ship rifle, can give two weeks service. Tex-Mounts, see display ad this issue. The Rifleman's Shop, Bernt Johnson, 218 7th St. at Broadway, San Antonio, Texas.

MODEL 70 WINCHESTERS, THREE 257 ROBerts, three 270 Winchesters; at $106.00 each. One Remington model 11, 12 gauge 30" full choke, 5 shot $94.00. One Hi-Standard automatic pistol model H.D.M. 4½" walnut grips, sheepskin holster $55.00. All guns are factory new. Winchester Super, Speed 22 Long rifle hollow point Kopperhead $11.28 per 1000. Can also supply Lyman Alaskan scopes at $60.00 each. Behr's Sport Shop, Sandy Hook, Connecticut.

SMITH IDEAL 20; EJECTORS; STRAIGHT stock, checked butt; 26" IC&M; excellent, $125.00. R. P. Haun, Coleman, Texas.

M720 SAVAGE AUTO. 12-30 FULL RECOIL PAD, excellent $75.00. .25 Colt auto. v.g. holster, 150 factory rounds $40.00. Dr. H. Walters, 43 Washington Terr., St. Louis, Missouri.

ENFIELD BISHOP STOCK $60.00. MAUSER .257 set triggers $100.00. Very good to excellent. Earl Zeigler, Algona, Iowa.

WINCHESTERS—MODEL 70 SWIFT, 10X TARgetspot Jr. excellent except stock shows some use $157.50. Want excellent Enfield. Estill Davis, Saint Paris, Ohio.

ATTENTION RELOADERS: NEW GOVERNment surplus Reed micrometers, bargain prices—0 to 1", 1/10,000th graduations, $3.95. 1 to 2", 1/1000th graduations, $3.95. 2 to 3", 1/10,000th graduations, $4.95. New 200 watt, 110 volt, soldering irons, standard size, $2.95. Can save you money on powder, primers, bullets, new guns, scopes, and ammunition. Money back guarantees. Stamp appreciated. Joe Ivy, 910 Burlington, Dallas, Texas.

GUN SWIVELS Keep those trim lines. Ask for folder. Pr. $3.50
THE ENOCH CO., 533 N.E. 78th Ave. Portland 16, Oregon

MAUSER 8.7MM. SPORTING RIFLE, CHEEK-rest, double set trigger, flat bolt handle, scope blocks, open sights, engraved action, excellent condition, price $135.00. J. B. Caple, Milton, Wisconsin.

MAUSER AND OTHER FOREIGN MILITARY rifle parts. Some Luger, Springfield, .45 auto, Ortgies parts, 8mm. handloads, 16¢ each. Stamp for price list. Lovell's, 1443 Berteau, Chicago 13, Illinois.

COMMERCIAL .45 AUTO NEW NATIONAL Match barrel, very good out, $55.00. .38 Super, factory, 1700 rounds factory ammo. $140.00. Sedgley Springfield, 100 rounds, 30-06, 330 Stith mounts, excellent $175.00. Winchester 70, 220 100 rounds, 330 Stith mounts, perfect $185.00. Remington 30S, 100 rounds .257, 330 Stith mounts, perfect $185.00. Heavy barrel 52 Lyman-Litschert 10X Malcolm mounts, unfired $190.00. Reising model 65 .22 auto unfired, $55.00. Remodeled Krag sporter, custom checkered stock, excellent 60 rounds, $95.00. Remodeled Enfield, checkered custom stock, 100 rounds, excellent $100.00. Ithaca 37T 12 ga. Weaver 1X Weaver choke, perfect $200.00. 2 Bull-pup stocks one finished & checkered $25.00, the other unfinished, both inletted for Springfield receiver, $10.00. Springfield action complete $26.00. Pacific W2 for 54 Winchester, new $6.00. Several new 48 @ $10.00. W. L. Hermann, 711 E. Va. St., Evansville, Indiana.

.270 ON MAUSER D.S.T. JOHNSON BARREL, Lyman Alaskan Crosshair, Tilden mount & safety beautiful American walnut stock checked, recoil pad, new entirely, fired 6 times, $225.00. Also John Blaneh & Son London, double hammerless 12-30" barrels F&F lightweight beautiful engraved receiver carrying case cleaning rod, fair to very good $225.00. L. J. Smith, Box 485, Gunnison, Colorado.

12 GA. BROWNING O&U 28" SKEET, RIB, AUTO ejectors, single selective trigger, excellent in, v.g. out, $189.50. 12 ga. Winchester 21" skeet gun, ribbed barrel, beautiful stock, pistol grip, reblued and perfect except Beavertail forend expertly repaired. $185.00. Farmers & Traders Exchange, Chittenango, New York.

WINCHESTER HI-SIDE 32-40, 30" #3 FULL octagon barrel, double set, excellent $55.00. 44½ Stevens 32-40, 30" #4½ octagon barrel no sights, excellent $45.00. Brand new never fired Remington 513 Matchmaster Redfield sights at $50.00. Reed Hampton, Mystic, Iowa.

COLT REVOLVER .38 OFFICERS MODEL 7½ barrel scroll engraving, pearl grips holster 94 round ammunition. Excellent $175.00 no trades. A. J. Kolar, 7546 S. Merrill Ave., Chicago, Illinois.

KRAG, 30-40, 22" BARREL, SPORTERIZED standard stock, Lyman 48 v.g. $45.00. Model Remington 14, 44 WCF, good, $25.00. Savage model 6A, 22 auto. 330 Weaver excellent, $60.00. Remington-Hepburn, 2RL, HB, custom excellent, $132.00. Winchester 70, 7mm. target grade, excellent, $150.00. Mossberg 44US sling & keeper, v.g. $30.00. Winchester 61, skeeter excellent, $35.00. New at regular list price, Remingtons, 513SA sporter, 513TR, 510A, 511P, 81, 141A. Winchester 52, 75, 94, 69, 61, 62, 64, 72, 74LR. Stevens 53, Savage 4, Marlin M36, Mossberg 42M. All rifle ammo. at list. C. H. Lawson, Edgewater, N. J.

HI-STANDARD H.D. MILITARY 6¾" NEW $45.00. Ithaca 20 ga. 37R, 26" imp. cyl. solid rib, factory recoil pad 6 lbs. new $95.00. 10000 rounds .22 L.R. Super X, $95.00. Black & Decker ¼" electric drills, $16.95. Black & Decker ½" drills $31.95. J. E. Parlett, 621 Radnor Ave., Baltimore 12, Maryland.

SHOOTERS. FREE LIST. TARGET, HUNTING & spotting scopes, rifles, coats, gloves, etc., excellent Unertl 2½" Turret head spotting scope 12-18-26X coated lens, $145.00. 2R Lovell heavy barrel Krag action 100 cartridges, 500 bullets & primers, Jordan dies, Unertl 6X scope $160.00. Trades accepted. T. G. Crain, 919 Millville Road, Altoona, Penna.

WALTHER OLYMPIA, AUTO. .22LR, 4½" BARrel, excellent, $125.00; Free Pistol, .22LR, 9-¾" barrel, very good, $60.00; Beretta, perfect holster $45.00. No trades. S. R. Hinds, Minnetonka Beach, Minn.

PERFECT CUSTOM BUILT 270 RIFLE, N.S. Springfield action over 1,300,000, barrel by Paul Jaeger, sporting stock, Redfield sights, price $125.00. R. N. Raycroft, 2 Spring St., Ogdensburg, N. Y.

HIGH GRADE 12 MERKEL BROS. O&U, EXcellent, $565.00. Deluxe .375 H&H Magnum Mauser, by Hoffman of Cleveland, excellent, box cartridges, $235.00. 9.3x72R Miller & Val Greiss double hammer rifle, good $115.00. Perfect 12, Winchester 12 skeet, extension, 26 ribbed, W1 skeet boring, figured stock, beautiful prewar gun, $110.00. 4X Zeiss Zielvier, excellent, $78.00. Bo Randall stag handle hunting knife, new $18.50. 38 lbs. Pearson Target Bow, excellent, $9.00. Russell Elder, Griffin, Ga.

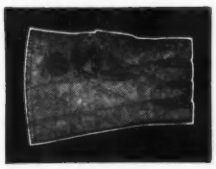
FINEST FOREIGN GUNS
ANTIQUE OR MODERN
Describe and Price Your "Liberated Beauties."
MILLER BEDFORD New London, Ohio
"World's Rarest Guns"

Comfort, Utility, and Durability

10-X SHOOTING COATS AND GLOVES

• **10-X IMPERIAL SKEET AND TRAP JACKET**
Designed and tailored specifically for skeet and trap shooting. Its many exclusive features give you new comfort and greater durability. Made of Army twill, it's Sanforized, won't fade or shrink, can be washed or dry cleaned.

• **10-X RIFLEMAN'S GLOVE**
The shooting glove that defies comparison. Padding which is in the right place and stays put. Maximum comfort and durability.

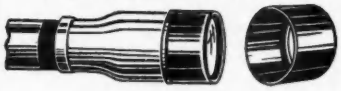


10-X IMPERIAL RIFLEMAN'S COAT
Here is new perfection in a shooting coat. Designed by a rifleman, it answers every need of riflemen for solid shooting comfort.

FREE BOOKLET—Write today for our free booklet describing in full all 10-X products. See for yourself the many advantages of this superior line. Production is still hindered by shortages but increasing steadily, so get in touch with your dealer today.

10-X MANUFACTURING CO.
305 Eleventh St. Des Moines 5, Iowa

NEW—CLEAR SIGHT TELESCOPE LENS CAPS



Protect Your Scope Lens While Hunting!

Shoot that game without removing caps. Don't ruin your telescope lens with excessive or hurried cleaning. Clear Sight Scope Caps prevent this. Their optical glass lens and Neoprene bodies also protect your scope lens from oil, moisture, dust, shocks and scratches.

DOES NOT INTERFERE WITH AIM OR OPTICS IN SCOPE ITSELF

Available for all popular hunting scopes. List price—$2.95 pair.

Contact your local sporting goods dealer. Jobbers Wanted.

Mfg. by: SHOOTER'S SPECIALTIES
Box 88 Maywood, California

GUNSMITHS! SPORTSMEN!

PORTA-VISE is a practical, durable, PRECISION MADE TOOL. Adapted for hand or bench work. Made of quality HIGH CARBON STEEL, carefully machined, HARDENED and GROUND!!

THREE SIZES — COMPLETE WITH ALUMINUM HANDLE AND BASE MOUNT.

	Complete
¾" Jaw Width, open to 1½"	$5.45 ea.
1" Jaw Width, open to 3⅛"	5.95 ea.
1¼" Jaw Width, open to 3¾"	6.85 ea.

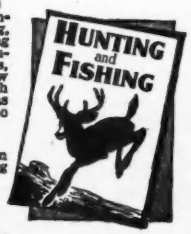
C.O.D. orders accepted, or send Money Order or Check for prepaid delivery, to:

MIL-ROY MFG. CO. 3628 SLAUSON AVE.
MAYWOOD, CALIFORNIA

HUNTING and FISHING
is a monthly magazine crammed full of hunting, fishing, camping, dog and boating stories and pictures, invaluable information about guns, fishing tackle, game law changes, best places to fish and hunt — countless ideas that will add more fun to your days afield.

SPECIAL TRIAL OFFER
Send 25c in stamps or coin and we will send you Hunting & Fishing for six months.

HUNTING & FISHING MAGAZINE
227 Sportsman's Building
Boston, Massachusetts



CUSTOM BARRELS
Precision & Quality only
22-250, .220, .257, .270,
.300 mag, 30-06
Time average, Mauser five days, others ten days. Scopes, mounts, muzzle brakes, etc.
M. L. SMITH
Armament Specialist, Rt. 3
Bryan, Texas

VECTRA SCOPE

By Makers of Famous Maxwell Smith G-88

A scope any sportsman will be proud to own. Superb optical design and hard coated lenses insure a brilliant sharp image. Precision ground steel tube gives maximum strength and permanent alignment. Reticule parts machined from solid brass. In every detail, VECTRA exhibits that perfection which characterizes all Maxwell Smith optical instruments.

On the Target—

$29.95

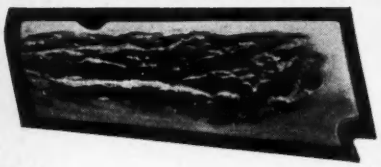
Magnification, 2½x; field at 100 yds., approx. 40 ft.; eye relief, 3 to 5 inches.

Maxwell Smith makes a full line of fine rifle scopes, spotting scopes, observation scopes, and other optical instruments. Consult your dealer, or write for catalog.

Maxwell Smith Co.

LOS ANGELES 25, CALIFORNIA

GENUINE STAG GRIPS ARE AGAIN AVAILABLE



	Pair
COLT:	
Bisley	$9.00
Single Action Army	7.00
New Service, Shooting Master	6.75
Army Special, Officers Model	6.25
Official Police	6.25
Police Positive, New Model	5.25
Bankers or Detective Special	5.25
Police Positive, Old Model	4.25
Pocket Positive	3.00
Auto. .22 Woodsman, .45 Gov.	6.25
.38 Super, .22 Ace	6.25
.32 or .380 Pocket	3.75
.22 Pocket	3.00
SMITH & WESSON:	
Magnum	7.00
.44, .45, Model 1908, 1917	5.25
Regulation Police	5.25
K.22, .38 Square Butt, Model 1905	5.00
Model 1902 Round Butt	4.00
.32 H.E., .38 T.B.	3.00
.32 N.D., .38 N.D.	3.00

FRANK MITTERMEIER

Gunsmith Supplies

3577 E. Tremont Ave. New York 61, N. Y.

Demands for the New ECHO Scope Sight Mount are ECHOing 'round the World . . . Big Game Hunters from Alaska to Australia are acclaiming these Special Features of the ECHO:

- Low Scope Position . . . in exact center for normal sighting
- True Dovetail side-anchor, incorporating powerful recoil-absorbing, double-locking lugs
- Scope slipped in place in a few seconds, without tools . . . "zeroed in" in absolute alignment
- Quickly detachable to permit use of metallic sights and safety in storage and transportation
- No loose parts to lose . . . base mounted to the rifle, bracket attached to scope
- Machined from solid one-piece Aircraft-Quality Heat-Treated Aluminum Forgings . . . beautiful gunmetal finish
- Base, Clamp Lugs, and Screws of finest steel

Ask your dealer, or write . . .

E. C. HERKNER CO., Dept. A-14, Littleton, Colo.

CAMERA FANS, ATTENTION!

HAVE YOUR COLOR FILMS ENLARGED AND PRINTED.

4x5 Prints 90¢ each From any size Kodachrome
5x7 Prints $2.25 each or Ansco color film up to
8x10 Prints $3.95 each and including 4x5.
2¼x3¼ Prints 50¢ each. From 35mm. Mercury.
2¼x2¼, 2¼x3¼ roll or cut film only.
5x7 and 8x10 Prints attractively mounted.

WILLIAM KROER, N.R.A. Life Member
831 Oakland Ave. Waukesha, Wis.

FIENDOIL

"The Enemy of Corrosion and Friction"

Hunters Fishermen Craftsmen

The active solvent, lubricant, corrosion preventive.

ASK FOR IT NEXT TIME

3-oz. Spout Can

170 GR. 30 CALIBER CORE-LOKT BULLETS, $6.00 per hundred. New 30-30 primed cases 3¢ each. 172 gr. Gov't Boattail bullets $2.50 per hundred. Arden Warner, 2131 High St., Oakland 1, California.

PRIMERS: REMINGTON NON-MERCURIC Kleanbore primers, #1½, 2½, 6½, 9½, $6.00 per 1000. Immediate delivery express collect. W. Joseph O'Connor, Sportsmen's Equipment, Baker, Oregon.

2R LOVELL, BUHMILLER BARREL, 44½ ACtion, excellent, wood fair, blocks, sights, 80 cases—reloads, $65.00. C. G. Stetson, 114 Broad, Milford, Connecticut.

POPE BALLARD SCHUETZEN RIFLE, .22 caliber, perfect condition, $250.00. Stamp for details. R. L. Mezger, 61 Eastern Ave., Ossining, N. Y.

WINCHESTER 70 HORNET $105.00. .35 REMington model 141, $90.00. Both have Lyman sights, both excellent. Ted Reynolds, Fryeburg, Maine.

PACIFIC RELOADING TOOLS, .32 S&W LONG, .38 Special, .45 ACP $27.50. Pacific powder scales $8.50. Powder measures $7.00. Saeco powder measures $12.50. Star sizers and lubricators $28.00. .45 ACP ammunition $4.50 hundred. D. Hands, 117 Jones St., Mt. Clemens, Michigan.

.32 S&W HAND EJECTOR 4" BARREL, LINED trigger, .22 S&W Kitgun 4" barrel target rear sight wood grips, .32 caliber police Positive 5" barrel, all in fine condition, price $40.00 each, $110.00 for the lot. If license required please send it with remittance. Want Colt S.A. 45 7½" new condition. J. A. L. Moller, 15 East 26th Street, New York City.

ATTENTION SPORTSMAN: WRITE FOR OUR complete price list on rifles, pistols, shotguns, ammunition sights, telescope sight, and fishing tackle. If it's available we have it. Sports Den, Box 156, Pittsfield, Mass.

COLLECTION OF USED AND NEW MODERN handguns for sale, consisting of S&W, Colts, Hi-Standard, foreign ammunition and holsters available for all guns sold. Price list for stamp. Arthur Lee, Thompsonville, Conn.

DEER HUNTERS—DON'T RISK WAITING UNtil fall, get your rifle now. New M36 30-30 Marlin carbines, $55.60. Immediate delivery. Sportsmen's Headquarters, Drawer X, Palm Springs, California.

TELESCOPES—DAVIDSON MARK 218 $22.50, Scopod $4.75, Argus $74.50, Freeland stand $9.50, Hi-Standard H.D.M., new, $51.00, small pistol primers $6.00 thousand. Everett Gudschinsky, 620 Grant, Bay City, Michigan.

U. S. CARBINE MAGAZINES $1.00, OILERS 25¢, good. .45 ACP shot shells, 4¢. J. D. Hutchinson, 700 Clermont, Denver 7, Colorado.

HI-GRADE MERKEL 16 GA. O&U RIB, EJECtors, imp. cyl. & mod. 6 lbs., perfect, $475.00. Photo on request. Raymond Moses, Athens, Tennessee.

22-250, EXCELLENT, MAUSER ACTION, IMproved trigger pull, Buhmiller barrel, Weaver K25 with Litschert 8 power attachment, Lee 2" dot, Universal model B tool and dies, powder measure and Pacific scales, some primers and bullets, $225.00. 2R Lovell, excellent, model 54 action 220 barrel perfect, Lyman 438 sight, beautiful stock, but broken off at pistol grip, Pacific dies some primers and bullets, $75.00. P.38 leather holster and clip, excellent, $30.00. Earl Vollbrecht, 50 So. Sutter St., Stockton, California.

MERKEL BROS. O&U 12 GAUGE, AUTOMATIC ejectors, Bohler 29" F&M barrels, 6¾ lbs. hinged front trigger, light scroll engraving, pistol grip cheekpiece stock 14"x1⅝"x2¾". Divided forend. Excellent $375.00. Mauser-Werke A. G. Oberndorf A.N. 10.75x68 sporter. D.S.T. German scope bases 35 D.W.M. cartridges, excellent except minor stock dents, $165.00. Hensoldt Duralyt 6X scope never mounted, excellent, $110.00. Zeiss Zielvier with German mounts, excellent, $80.00. M54 30-06 barrel only, Redfield ramp, excellent in, v.g. out, $15.00. H. H. Gaffin, 5548 Carrollton, Indianapolis, Indiana.

REMINGTON 11, 12 GAUGE, FULL, 30" V.G., $80.00. H&R M1908, 12 ga. 30" barrel, single, v.g., $12.50. Savage Upland sporter, 16 ga. 26" v.g. $70.00. New at regular list, Remington 31A, Sportsman, Winchester, M12, 24. Stevens, 530M, 59, 58, 620, 22-410. Savage 720, 745. Ithaca 37. Most shotgun shells at list. C. H. Lawson, Edgewater, N. J.

WINCHESTER 52 H.B. SPEEDLOCK, PERFECT, trunk case, 8 power Unertl scope, Lyman mounts, 1000 L.R., $150.00. M. A. Burr, Lodi, Ohio.

JOE PFEIFER

CUSTOM BARREL SERVICE

All popular and wildcat calibers

7837 Sancola Roscoe 3, Cal.

ALL FACTORY CONDITION—REMINGTON 37, sights, $100.00. Lyman 438 Field, click mounts, $23.00. Remington model 51, .32 auto. pistol, $35.00. Argus coated spotting scope, $50.00. Good to very good, Czech '27, Mauser, .32 auto. pistols, $20.00 each. M'Guire, Box 625, Cumberland, Maryland.

REMINGTON M31, 12 GAUGE, IMPROVED cylinder, ribbed barrel, Beavertail forend, v.g. out, excellent in, $135.00; .38 Colt pocket automatic, reblued, maple grips, good barrel, $37.50; M14 Jap automatic pistol, v.g. $22.50; 7.65 Mauser automatic pistol v.g. $32.50. William Boggs, 1783 E. Main St., Columbus, Ohio.

ABSOLUTELY NEW, WINCHESTER 24" TARGET weight barrel, 30-06 $33.00. Willard Kreider, Rt. #2, Wadsworth, Ohio.

REMINGTON 37 IRON TARGET SIGHTS PRACtically new, perfect $105.00; Winchester 94 25-35 new barrel action fine, outside worn 600 stainless soft point cartridges, $90.00; 30-06 F.A. cartridges 500 '35 issue @ 6½¢ and 500 '37 @ 7½¢; Two Commercial not military binoculars both Leitz lightweight coated excellent cases 7x50, $170.00; 8x60 $200.00; Cameras Contax I and III boxes six lenses, contameter, numerous accessories, 4x5 speed graphic 3.5C.Z. Tessar flash, etc., Super Ikonta B, Linhoff precision 9x12 three lenses accessories if interested please what you want. Trades considered. Individual A. F. Roddy, 1517 Hamilton National Bank Building, Chattanooga 2, Tennessee.

M70 WINCHESTER 270, 20" BARREL, ALASkan, Griffin & Howe mount, 48, 5 boxes factory ammunition $200.00. M54 Winchester 30-06, standard, 48, $95.00. Lyman 20X Super, coated, $85.00. B&L 8x40 prewar binoculars, $100.00. All above excellent to perfect. Edward Morgan, North Haven, Connecticut.

2R HI-WALL BY LOVELL, H.B., CUSTOM stock, sizing die, bullet seater, sling, blocks, 50 handloads, excellent plus. Super accurate, $135.00. E. R. Coyle, Mentor, Ohio.

ITHACA FEATHERLIGHT NEW 16 GA. 28 modified-$85.00 money order. Dale Scott, No. Lawrence, Ohio.

FOR SALE AT DRASTICALLY LOWEST PRICES I have seen in six years. My entire collection, American, foreign, oddities and antique pistols and rifles, all with shells, includes Kolibri, Webley automatic revolver, S&W .38 Hammerless, Luger, .22 conversion, Norwegian, Record-Match 210-A Dural Free Pistol and about 50 others. List price free on request. Gordon Persons, Box 97, Montgomery, Alabama.

COMMANDO BOATS, 10 MAN BLACK RUBBER, equipped 12 paddles, large pump, 2 small pumps, motor mount, repair kit, only $40.00. Used gun slings 40¢. Penetrating oil, 24 pints $3.60. Preservative gun oil, 16 quart $2.40. Sandpaper 2/o to 6/o, 60¢ quire. India oil stones, Triangular, round, tapered, 35¢. No C.O.D. O. L. Kline, 1915 McKinley, San Antonio, Texas.

NEW S&W M&P, 4" & 5" BARRELS, PRICE $55.00; new Hi-Standards, model H.P. 4½ and 6/3r" barrels, $49.17. Farmers and Traders Exchange, Chittenango, N. Y.

WINCHESTER 75 TARGET, EXCELLENT, $45.00. 52 H.B. not "B" serial, Lyman 48J, 17A, blocks, excellent in, v.g. out, some blue wear $65.00. LeFever double, 16, 26" I.C. and M., perfect $45.00. Stevens 44, .25-20 S.S. Lymans, fair in, v.g. out, fifty cartridges, $20.00. Don Stanton, Sherman, New York.

220 SWIFT, WINCHESTER 70 TARGET GRADE, Unertl 2" target 10 power scope mounted, both, perfect, 10 box cartridges, $325.00. Harold Hemmelgarn, R. R. #1, Box 105, Maria Stein, Ohio.

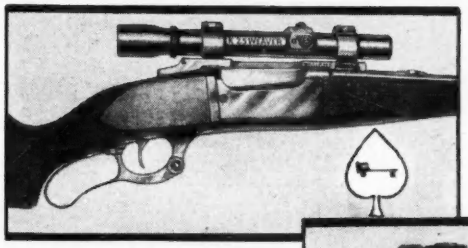
SPECIAL KRUPP-ESSEN COMBINATION HIGH powered rifle and double barreled 16 gauge shotgun, excellent. Richards, 65 Stillwell Drive, Plainville, Connecticut.

.45-90 WINCHESTER 86, BURL WALNUT stock, forearm, good, 120 cartridges, $50.00. Mauser Kar 98, dated 1909, as issued, good plus, $35.00. Jap 6.5mm. Arisaka, long barrel, prewar, excellent, $27.50. 7.63 Mauser Police model, 4" barrel, poor bore, outside fair, $35.00. Gerard 3X scope, German ring mounts, windage adjustment, very good, $50.00. E. R. Thompson, 23 Pinckney, Greenville, S. Car.

SPRINGFIELD SPORTER 30-06 STAR-GAUGED barrel, checkered P. G. stock, Lyman 48, excellent, $135.00. Walnut Hill .22 target rifle, custom built, Lyman 438 scope, perfect, $90.00. Selection of Kentucky rifles, all letters answered. Wm. G. Haas, 639 So. 36th, Louisville, Kentucky.

EXPERT GUN WORK
Makers of Custom Built Rifles.
The Low Lenk Mount for target scopes will be out soon.
MIDDLESEX TOOL & MACHINE CO., INC.
26 Camp St. Newark 5, N. J.

For good shooting use WILLIAMS FINE MOUNTS



Here's the Williams Quick-Convertible, bridge type Scope Mount with "the peep sight that's an ace in the hole." Remove scope and attach self-centering sight, all without the use of tools. There's nothing like it anywhere. Quick-Convertible, complete with peep sight — $17.50.

Williams Quick Detachable top mounts allow use of iron sights upon removing scope. Quick Detachable Side Mounts permit use of either scope or iron sights without detaching scope. Quick Detachable (either type) $12.50 complete.

SCOPE IS INSTANTLY DETACHABLE

Quick Convertible and Quick Detachable Top Mounts available for popular rifles and scopes . . . Side Mounts for lever action, slide action and auto loading rifles. Rings are spaced at maximum distance to give minimum overhang.

Manufacturers of
White-Center Dial-Scoring Target
Try Your Dealer Before You Order
Write for Free Literature

WILLIAMS GUN SHOP
ON THE RANGE
7387 Lapeer Rd., Davison, Mich.

SPORTSMEN·· KEEP GUNS, RODS··REELS FREE FROM RUST

SHEATH
POLARIZED
RUST PROTECTION

From National Rifle Report— "After 16 years of search, we have found a thin, free-flowing rust inhibitor that protects better than any oil we have tried...The sample obtained from Bob Brownell did not let its subject steel start the slightest speck of rust in the 44 day period of the test." (The N.R.A. does not endorse any product—above is simply a report to its members.)

Only SHEATH gives polarized rust protection to guns, fishing rods and reels, tools, and instruments. Polar-active SHEATH penetrates rain, salt water, sweat or moisture to leave a magic film of rust protection on the true metal surface. Not gummy or messy—pleasant to handle & smell. At your dealers, 50c-$1.

BROWNELL INDUSTRIES
MONTEZUMA, IOWA.

Sportsmen's Specials

BINOCULARS

Exceptional Value at
$37.50
Universal, 6 x 30 U.S. Navy Prism, Binoculars, used, in excellent condition, complete with leather case and sling straps.

PERCUSSION CAPS

REMINGTON SHUR FIRE #11 **$3.00** PER 1000

REMINGTON #57 SHOT-GUN SHELL PRIMERS **$7.50** PER 1000

Special 7 x 50. All Leather Prism Binocular Cases, brand-new, will fit any 7 x 50 or 10 x 50 Prism Binocular, Value, $15.00. **Special $7.50**

10 gauge new primed empty shell cases 2 9/16 inches..... **$3** Per 100

PUBLIC SPORT SHOPS
13 S. 16th St., Phila. 2, Pa. No COD's

DOG TETHER $1.00

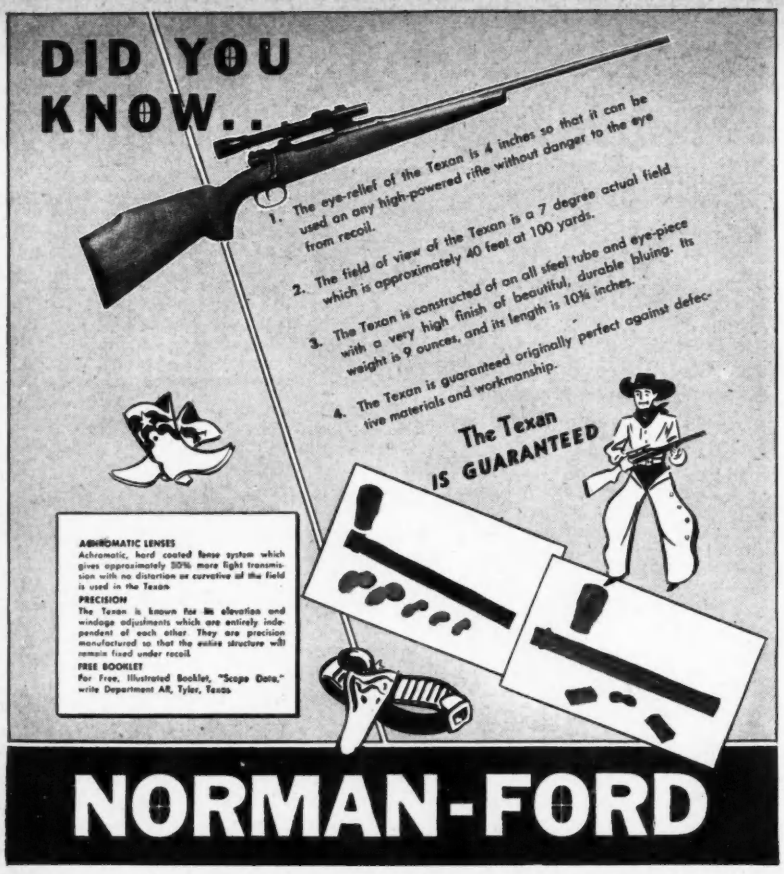
Swivel ring top. Dog cannot get tangled or pull out. Holds in soft or hard ground. The angle stake and flush disk will hold the largest dog securely. Light weight, rust resisting. Carry in car glove compartment-handy. Ideal where local ordinances are against loose-running dogs.
Price $1.00 postpd. With 5-ft. swivel chain—$1.75; 10-ft. $2.25 postpd.
WARNER PRODUCTS CO.
Dept. R Baldwinsville, N. Y.

WEATHER VANES

Let a Weather Vane symbolize your hobby, sport or business. Tell me what you want. I will submit design for approval. Rugged, balanced, rust-proof. Also stock models. Send for circular of Vanes, Signs and other specialties.

OF SPECIAL DESIGN

COUNTRY CRAFT SHOP, Middlefield, Mass.


DID YOU KNOW...
1. The eye-relief of the Texan is 4 inches so that it can be used on any high-powered rifle without danger to the eye from recoil.
2. The field of view of the Texan is a 7 degree actual field which is approximately 40 feet at 100 yards.
3. The Texan is constructed of an all steel tube and eye-piece with a very high finish of beautiful, durable bluing. Its weight is 9 ounces, and its length is 10⅛ inches.
4. The Texan is guaranteed originally perfect against defective materials and workmanship.
The Texan IS GUARANTEED
ACHROMATIC LENSES
Achromatic, hard coated Rose system which gives approximately 30% more light transmission with no distortion or curvative of the field is used in the Texan.
PRECISION
The Texan is known for its elevation and windage adjustments which are entirely independent of each other. They are precision manufactured so that the exiles structure will remain fixed under recoil.
FREE BOOKLET
For Free, Illustrated Booklet, "Scope Data," write Department AR, Tyler, Texas
NORMAN-FORD

VESCO HAND DRILLING TOOLS, $1.25 WITH three drills and chuck key. Drills wood, plastic, etc. Dealers discount. Used Star Toolhead, dies, shell plate complete for .32 S&W Long, perfect, $20.00. Colt OM, .32 S&W Long, heavy barrel, Sanderson grips, perfect, $80.00. D. Hands, 117 Jones, Mt. Clemens, Mich.

HOBBY, NO STORE. BINOCULARS, TELEscopes, watches, guns, diamonds, nice supply. Buy, sell, trade. Member. Paul Schweer, Donnellson, Iowa. 7-47

LUGERS 9MM. V.G. $32.50. COLT PP 4" V.G. $45.00. S&W, M&P, 4" Patridge sight v.g. $45.00. Pistol shells at list. Wanted, Colt New Service or Shooting Master, .44 special, excellent. C. H. Lawson, Edgewater, N. J.

CUSTOM MAUSER 257 & 270. MONTE CARLO stock cheekpiece, ramp front, receiver rear, guaranteed, our price $135.00. Farmers and Traders Exchange, Chittenango, N. Y.

NEW GUNS: 410 WINCHESTER MODEL 42 $75.00. 20-16-12 ga. Winchesters model 12 $79.00. 20-16-12 ga. Remington 11 and Sportsman $95.00. 20-16-12 ga. Remington 31 $79.00. 30-30 Winchester 94 $56.00, 30-30 Marlin $55.60. 30-35-300 Remington 81, $125.00. 30, 32, 35 Remington 141, $100.00. 37 Remington Rangemaster $113.60. Colt Woodsman 6½" $63.00. Hi-Standard 6¾" $54.00. 75 Winchester $55.00. .22 Winchester 69, $22.00. .38 Special Colt Official Police 4" $58.00. Used Guns: Customed 30-06 Springfield sporter, walnut stock cheekpiece, Redfield rear, ramp front, perfect, $130.00. Customed 8mm. Mauser sporter, walnut stock, cheekpiece, Redfield rear, ramp front, perfect, $115.00. Original 8mm. Mauser sporter, walnut stock, cheekpiece, double set triggers, 6 power Dr. Gerard scope, excellent inside, very good outside, $170.00. 10 ga. Ithaca 32" F&F, Beavertail fore-end, single trigger, excellent inside, very good outside, $100.00. .32 J. P. Sauer auto, perfect, $40.00. 9mm. Luger, 4", very good to excellent, $35.00. 10 ga. Ithaca F&F Damascus barrels, collector items, excellent inside, very good outside, $40.00. 218 Bee Winchester model 65, perfect, $85.00. Ammunition, 32 S&W Longs $1.95, 32 S&W shorts, $1.90, 44-40 $3.60, 22 shorts $6.15 M. .22 Long rifle $10.25 M. 30 caliber M1 carbine 250, 218 Bee $3.18, 270 150 gr. $2.75. Small and large rifle and pistol primers, $6.00 M. $1.00 packing charge on all orders under $10.00. Large stock of guns and ammunition available, state your needs. Send money order with order. R. P. Lueddeke, 218 Hawthorne St., Scotch Plains, N. J.

"T" SHIRTS WITH APPLIED CLUB NAME AND design. Sportsmen's Celluloid Buttons with club name and special design. Emblems-Brassards. George O. Wood, 124 Ontario St., Lynn, Massachusetts.

COLT .38 OFFICIAL POLICE 4", NEW, IN BOX, $58.00. Colt Woodsman .22 6½", excellent, fine carved ivory grips, embossed holster, $75.00. Colt .32 new Police, flat top target 6", very good, $40.00. Colt .38 Official Police 6" target sights, very good, $48.00. Colt Camp Perry .22 target, excellent, $57.50. Colt .45 automatic, Commercial, excellent, $52.50. Colt .45 New Service revolver, excellent, $55.00. Colt .45 New Service 4½", bore fair, outside good, $38.00. Colt .45 D.A. Army model, blue on barrel partly worn, otherwise very good, $38.00. Colt New Service 44-40 5½", holster worn otherwise good, $36.00. Colt auto. .380, very good, holster, $42.50. Colt auto. 32, very good holster, $42.50. Remington auto. 380 automatic very good, box cartridges, $48.00. H&R .32 auto. holster, excellent, $38.00. Reising .22 automatic, excellent, $75.00. Colt Lightning double action, 41 nickel finish 3½" pearl grips, box cartridges, very good, $40.00. S&W .38 Special 4", new, in box, $56.50. S&W .38 Special 4" Parkerized finish, very good, $38.50. S&W .38 Top Break, safety grip, nickel finish, very good, $30.00, also one .32 caliber blue finish, $30.00. Belgium Browning automatic .32, very good, $27.50. Dreyse .32 automatic, bluing slightly worn, $25.00. Winchester 95, 30-40 caliber, excellent, $75.00. Marlin carbine 44-40, very good $40.00. Mauser 8mm. military rifles $30.00 to $40.00. Mauser action only $25.00 to $35.00. Full line of cartridges, also scopes & binoculars. No C.O.D. shipments, money return guaranteed within 5 days. Morton's, 40 Fulton St., New York 7, N. Y.

GUNSMITH SUPPLIES

BAND RAMP FRONT SIGHTS (in white):
.615, .625, .630, .645 dia.....ea. $3.25
CHAMBERING REAMERS, H. S. STEEL:
32 Sp., 30.06, 30.40, .257.....ea. 9.00
2R Lov., .219 Zip., .218 Bee.....ea. 8.50
.410 Shotgun for 3" chamber.....ea. 7.50
SPECIAL TAPS & DIES:
6/48 (140 x 48) Hi-Speed, 2 flute..ea. .90
8/40 NS-Hi-Speed, 2 flute.....ea. 1.20
8/30 NS Tap, ea. $.90; Die, 13/16", O. D.....ea. 1.75
SHOTGUN DENT RAISERS, bronze, expanding, adj. to any choke, will not mar barrel, price ea., 12, 16, or 20 ga..... 3.50
Set of all 3 Above Gauges..... 10.00
BUEHLER SAFETIES: Modern and smooth-operating for M54, Mauser & Spring, ea. 4.00
SCHMIDT BARREL INLETTING RASP, a fast-cutting professional tool. Includes ½" & ¾" cutters.....ea. 3.50
FELT POLISHING WHEELS: 1" thick, ½" A. H. 6" med., ea., $4.25; 8" med., ea. 6.00
SAECO POWDER MEASURES, Best in the West, Price (Less Stand).....ea. 12.00
Bench Stand, $3.25; Xtra Drums.....ea. 4.00

All prices F.O.B., San Francisco

DRIVER EQUIPMENT CO.
1152 Valencia St. San Francisco 10, Calif.
Serving Gunsmiths Throughout the West

We Now Have SINGLE SET TRIGGERS

Available for Immediate Delivery

They are furnished with a special cam to release the sear and are adaptable to the following actions: Model 70 Winchester, Enfield, Springfield, and Mauser. Very simple installation by individual or a local gunsmith. Comparable to the finest set triggers ever made. The price is $15.00. Absolutely essential for vermin shooters for those long shots, and can be used as a conventional trigger with the weight of pull adjustable. The bolt can be opened safely with the trigger in the set position. This trigger can be adjusted to a "feather-touch."
Double set triggers will be available in the near future and the line will include those for muzzle loaders.
Write for descriptive literature and discounts to the wholesale trade. Sold in quantities of one or more.

G & M INDUSTRIES
Gage Division
213 LORENZ AVE. DAYTON 7, OHIO

CUSTOM RIFLES

built to specification on your action. Hunting, Varmint or Match barrels in all standard and most popular wildcat calibers. CUSTOMBILT stocks, scope mounts and trigger mechanisms.

ROY GRADLE, *Life Member*
205 W. Islay, Santa Barbara, Cal.
15 years-in-the-same-location

GUN BUGS—SWAPPERS

DEALERS and TRADERS
Here Is a Paradise for You!
MODERN GUNS—ANTIQUE SPORTING EQUIPMENT
New and Used
Farmers & Traders Exchange
Chittenango, New York

YOURS FOR LIFE!

The many benefits of N.R.A. Membership *plus* a *Lifetime* subscription to The Association's official journal. The cost? Only $50. ($47 special rate to present members)

NATIONAL RIFLE ASSOCIATION
1600 Rhode Island Ave. Washington 6, D. C.

WINCHESTER 75, ABOUT EXCELLENT, $35.00; Hensoldt Dialytan commercial, no mounts, new, $50.00; Sharps carbine, $10.00; Sharps-Borchardt military $25.00; two Jap early bolt militaries, each $9.00. Condition last four, fair to good. Stamps please. C. R. Anderson, 1026 1st N. E., Mason City, Iowa.

.38 SPECIAL CASES FIRED ONCE, CLEANED, nickel or brass for small primers, $4.00 a thousand large supply. J. Faranetta, 1-19 Hartley Place, Fairlawn, New Jersey.

S&W COMMANDO, EXCELLENT IN, V.G. OUT, $36.50; Mauser, HSC, 7.65 caliber, v.g. in & out, $36.50; Beretta's, 9mm. smooth finish, excellent in & out, $29.50; same, military finish with holster, $29.50; Webley & Scott 7.65, auto., v.g. in and good out at $27.50. Farmers & Traders Exchange, Chittenango, N. Y.

POWDER: #3031, 4198, 4064, 4320, 4350, HIVEL #2, Lightning, Sharpshooter, #2400, $1.75 per lb. Red Dot, Unique, pistol, #4759, bulk shotgun $1.05 per 8 oz. King's, Black, $1.50 per 2 lbs. 8mm. handloads, lead g.c. 15¢. B. E. Hodgdon, Merriam, Kansas.

HI-STANDARD, MODEL E, 6¾ BARREL, EXcellent, $48.00. 10X Aristocrat coat, size 38, $7.00, Casco Electric power tool, $10.00. J. L. Polk, Loudonville, New York.

8MM. RIMLESS MAUSER CARTRIDGES 150-170-190 gr. bullets, $3.00 for 20. 8mm. primed cases 6¢ each, all new brass, loading tools, bullets, expert remodeling of military rifles. T. G. Crain, 919 Millville Road, Altoona, Penna. tf

EXCELLENT MAUSER RIFLE CALIBER 8. 15x46 as issued never fired, $45.00. 30-06 cases 2¢. Fred Barth, Fredonia, Kansas.

EXCELLENT 351 WINCHESTER CUSTOM stocked checkered Lyman peep $125.00. C. J. Albright, 2619 Shorb, Alhambra, California.

32-40 STEVENS, FAIR, $20.00. 32-40 SCHOYNE, barrel good, $30.00. Winchester S.S. action Hi-Wall, good, $25.00. J. D. Jamieson, 1612 Garfield, Denver, Colorado.

SPORTSMEN'S CLUBS—WE DESIGN AND Mfg. fine quality felt patches and metal auto emblems to your specifications. Write for price list. Thomas Sloan, Box 491, Alliance, Ohio.

WOODS 3 STAR 90X90 SLEEPING BAG. USED once, new condition, $80.00. Remington 37 new model stock; swivels, buttplate, few scratches, $18.00, approval. E. G. Pope, Lubbock, Texas.

WINCHESTER 52 MARKSMAN STOCK, NO sights, $80.00. Remingtons 513-T, 121, 513-S, all new, used pistols all kinds, primers, powder. Cushman Shooters Service, 12 Tilton Ave., Brockton, Mass.

P.38 PARTS, NEW AND USED. 98 MAUSER parts new, firing pin $3.00. Firing pin nut $3.00. Firing pin spring $1.00. Bolt plug $3.00. Safety $2.00. Ejectors 75¢, other parts new and used. 300 Savage model 99, perfect in, excellent plus out, fired 15 times, new Stith mount, new 330S Weaver scope, complete $140.00. Include stamped envelope with all queries. All items F.O.B. East Bay Gun Shop, Rt. #2, Roscommon, Michigan.

1937 LUGER, 9MM. VERY GOOD, ALL NUMbers same, $45.00. W. J. Jaglinski, 1686 3rd Ave., New York 28, N. Y.

PRICE LIST #2, NEW GUNS, COLLECTORS guns for stamp. R. C. Walz, 10 Union, Middletown, N. Y.

HERCULES AND DUPONT POWDERS, SPEER bullets, Weaver scopes, Marlin guns, and loading tools, send for price list. Arthur E. Anderson, Life Member. Santa Margarita, California.

52 BULL GUN 57560B, EXCELLENT VAVER sights plywood case, $125.00. Woods three star sleeping bag, over-size 90x90, new, $90.00. Herb Hollister, Life Member, Box 146, Boulder, Colorado.

WINCHESTER 52 STANDARD BARREL #19748. Inside and action excellent. Some blue worn outside. Lyman-Redfield sights, $60.00. Lyman Jr. .22 scope, adjustable mounts, excellent, $25.00. Tom Street, Box 94, Waco, Texas.

ALASKA'S NEW MAP. 33X48", SHOWS TOWNS, roads, trails, air fields, streams, lakes, mountains, National forests, parks, game refuges, etc., $1.00 postpaid. W. Joseph O'Connor, Sportsmen's Equipment, Baker, Oregon.

.22 CAL. BULLETS

Lubri-Kote or Copper Jackets, 42, 50, 55, 60, 224 only; 65, 227, 42 and 50 Round or Sharp Point Lubri-Kote, $2.60; Copper, $2.50. Postpaid. Sample free.

MILO HILL Caledonia, Ohio

Pachmayr LO-SWING SCOPE MOUNT

MOUNTS LOW ON RECEIVER

Low . . . where a scope is easiest to use . . . *swing it* to side for instant use of iron sights when needed in bad weather. Precision made throughout . . . swings on hardened steel cones . . . unconditionally guaranteed. Fits all leading rifles.

$20 *at Your Dealer*

The best by actual test! You be the judge!

PACHMAYR Recoil Pads

for shotgun or rifle

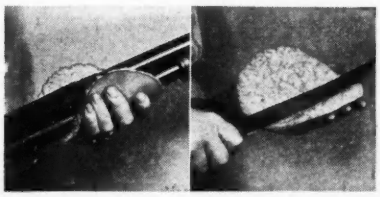
Made of Neoprene... not affected by oil, solvent, water or weather. Two sizes... 2 colors. Unconditionally Guaranteed.

$3.25 at Your Dealer or Order Direct

Investigate the many superior advantages of the Lo-Swing Scope Mount at your dealer today or write for free literature.

PACHMAYR GUN WORKS

1220 So. Grand Ave., Los Angeles 15, California



Protects Anything That Rusts!

Natural sheepskin wiper treated with a proven Rust Inhibitor. Positive protection against rust for firearms, skates, tools, tackle, etc. Does not pit or damage the finish of finest steels in any way. Lasts for years. *Recommended by leading Gun Editors.*

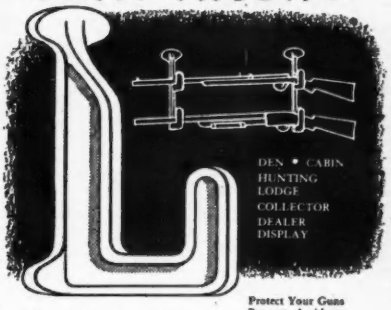
Sold throughout the world. Ask your dealer. **25¢**

DEX-KLEEN WIPER

Manufactured by

DECKER BROS., INC. Mason City, Ia.

GUN RACKS



G-1 (1 Gun) $2.00
G-2 (2 Gun)..$3.80
G-3 (3 Gun)..$5.50
(Postpaid)

Protect Your Guns Prevent Accidents

- Modern finishes harmonize with the finest wood panelling.
- Chrome for moderns
- All are felt-edged.

PADCO PRODUCTS

22 N. HENRY STREET MADISON 3, WISCONSIN

✦ BEDFORD BUGLE ✦

SHOWS WORLD'S RAREST GUNS

No. 9—Finest pistols, swords, all nations.
No. 10—All kinds. Shooting Muzzle Guns, Experimental, Foreign, Royal, Superb inlays, Martials. World's Finest and Rarest.
Free: send self-addressed stamped LONG envelope with number marked.
WANT: Finest American and Foreign, Modern or Muzzle Loading. Foreign Doubles, Mausers, RAREST COLTS. Describe and Price.

MILLER BEDFORD

Rare Gun Crossroads of America

New London OHIO

SHOOTERS

Tell us your needs; if goods are available we will advise you, quoting lowest possible prices.

P. J. O'HARE

Importer-Manufacturer

Shooting Accessories Exclusively

552 Irvington Ave. Maplewood, N. J.

GUNSLICK KITS

WITH DURALUMINUM CLEANING RODS

Contain everything to keep your guns *factory new*. Beautiful Duraluminum Rod in Case with tips and brushes—GUNSLICK 400, World's finest gun lubricant used and endorsed by experts—GUNSLICK 444 Solvent—GUNSLICK 490 Gun Grease—GUNSLICK 445 Gun Oil—Large Can Cleaning Patches.

ORDER DIRECT if dealer can't supply.

SHOTGUN KITS—ONLY $2.75
Sizes 12, 16, 20-28, 410

RIFLE KITS—ONLY $2.50
Sizes .22 and .30 Calibre

Extra Rods: SHOTGUN, $1.25. RIFLE, $1.00. PISTOL, 75c

State gauge and calibre of gun when ordering.

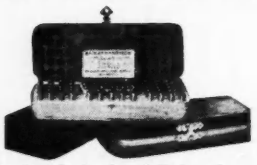
FREE BOOKLET: full of valuable tips to shooters, written by Col. Whelen is included in each Kit. Sent free on request.

Outers *Laboratories*
ONALASKA, WISCONSIN

BADGER SHOOTING KIT

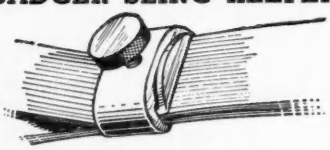
27" De Luxe Kit, black finish..... (Express Collect) **$12.85**

BADGER HANDY BOX



Holds 50 (.22 l.r.) plus full box in center .....(Postpaid) **$1.25**

BADGER SLING KEEPER

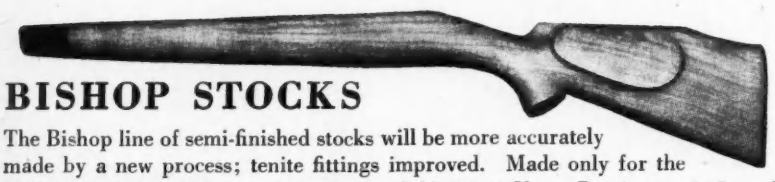


Precision machined, nickel plated, "Can't Slip" .....(Postpaid) **$1.00**

ORDER DIRECT or see your Dealer. Prices subject to change without notice.

"LEW" BULGRIN

Badger SHOOTERS SUPPLY
OWEN, WIS.



BISHOP STOCKS

The Bishop line of semi-finished stocks will be more accurately made by a new process; tenite fittings improved. Made only for the 1917 Enfield, M98 Mauser, 1903 Springfield, 30-40 Krag, Remington 30S, and Winchester M54 and M70. Price $8.50 postpaid.

Mannlicher type stocks are NOT available. Catalog sent on request.

E. C. BISHOP & SON — **Warsaw, Missouri**

FEET HURT?

Try Dr. Barron's New Foot Cushions

LIKE WALKING ON A PILLOW!

Do you suffer from metatarsal **CALLOUSES, CORNS, WEAK ARCH FOOT PAINS?** Try **Dr. Barron's New Foot Cushions** for blessed relief! **LIGHT, SPONGY, AIR-VENTILATED.** Fits all shoes. Cushions your **ARCH** and **FEET** from **HEEL** to **TOES.** Dr. Barron says: "Wonderful for tired, aching feet. Helps make walking a pleasure." Happy customer writes: "I feel like I have new feet in just a few hours." H. H., Sedan, Kan. Send only $1.98 for A PAIR or C.O.D. plus postage. **STATE SHOE SIZE AND IF MAN OR WOMAN. 30-DAY TRIAL GUARANTEE. Money back if no blessed relief! ORTHO CO., 111 W. 83d St., Dept. 144F, New York City 24.**

SCOPE & BINOCULAR SERVICE
HARD COATING

German scopes a specialty. Bluing—Enameling — Repairs. Focusing — Collimating — TOMMY DOTS—Posts—Nylon Crosslines.

CUSTOM TELESCOPE SERVICE
P. O. Box 81 — Silver Spring, Md.

FREE BULLETINS OF GOV'T. SURPLUS BARGAINS

Save up to 75% of Gov't. cost on outdoors clothing and supplies for camping, hunting, fishing. Send for Free Bulletins NOW.

INTERSTATE DISTRIBUTORS CORP.
Dept. A-R — Providence, R. I.

Shot Shell Wads

10, 12, 16, & 20 ga. per M

⅜" Special Fibre Wad (Felt type)....	$3.50
¼" Special Fibre Wad (Felt type)....	2.50
.135" Nitro Card for over powder....	1.50
"B" Card Wad for over shot.....	1.25

Alcan Paper Co. WOOD RIVER, ILLINOIS

BROWNING O&U EXCELLENT TO NEW, 28 F&M, SST vent. rib, pad, $235.00. Francisco, 2027 Lyndale Ave., South, Minneapolis, Minnesota.

MAUSER, MODEL 98, NUMBERS MATCH, very good, $30.00. Mauser D.A. pistol caliber 7.65, 2 clips, original holster, 120 rounds, excellent, $50.00. Fred J. Couch, Okemah, Oklahoma.

RIFLE CLUBS. SPECIAL PRICES ON OFFICIAL N.R.A. Tournament Targets. T. G. Crain, 919 Millville Road, Altoona, Penna. tf

CRAMER BULLET MOULDS .45 AUTO 230 GR. 5 cavity $15.00; .38 Special 158 gr. 5 cavity $15.00; .38 Special 158 gr. 10 cavity $20.00. Leroy Garman, 4225 Huntley Ave., Culver City, California.

30-06 MAUSER SPORTER CUSTOM, 4X K. Kahles scope, Redfield Jr. low bolt, side safety, fancy stipled French walnut stock, new condition, $195.00. Colt Commercial .45 auto. v.g. plus $43.00. H&R .22 caliber special revolver, perfect, $34.00. Czech P.27 .32 auto. commercial finish, holster, excellent, $36.00. Czech P.27 .380 automatic, holster, excellent, $35.00. K. T. Hansen, 8-C Pacific Drive, Winfield Park, Linden, N. J.

RIFLEMAN 37, 38, 39, 40, 41, 42, GOOD CONdition, $12.00. Money order please. Robert Howell, R.F.D., New Glasgow, Virginia.

U. S., 44-40, 7½" PERFECT IN, V.G. OUT, 42 loads, $49.00. Colt 1917, v.g. 98 loads, $39.00. Winchester SS, 27", .22 v.g. 248 loads, $12.00. New Spring truss 42". $7.00. New Elastic 42", $5.00. Carl Stewart, (Member) Big Flats, N. Y.

MERKEL BROS. OVER-UNDER 16X8X57R. Automatic ejectors, good to very good, Simson, double 16. Engraved high relief, about good, both $250.00. Walton, P. O. Box 1457, Tampa, Florida.

PERFECT LATE REMINGTON M37, EXTRAS, $98.50. Fecker 1⅛" $57.50. Together $150.00. K22, perfect, $59.50. Eagle Luger, custom, $57.50. Perfect M70, target barrel, 250-3000, $29.50. .38 Spanish revolvers, v.g., $25.00. New Springfield 45-70, $20.00. Fresh 250-3000 ammunition $2.25 box. Winchester M04, .22, good, $10.00. M70 Trigger, perfect, $5.00. E. C. Williams, 506 Caroline, Houston, Texas.

MODEL 70, STANDARD, 257, 330 WEAVER Stith mounted, 1¼" QD sling, $185.00. 1-30-06 Redfield rear, 1¼" QD sling, $135.00, both new, 54, 257 target, Unertl 6X game scope, new, $200.00. 54 Bullgun, 30-06, 48 rear, excellent, $175.00. Model 75 target (G75AIR) new, $53.50. Model 71, 1" QD sling, Redfield rear, case, rod 40 cartridges, very good, $100.00. 94 carbines, 30-30, .32 special new $56.50. Model 63 Winchester .22 auto. new, $57.50. 61 Winchester .22 pump, new, $44.50. 62 Winchester, new, $37.50. Model 12-12-28 modified, 12-20-26, modified, new, $78.50 each. Model 42-410-26, modified, new, $67.50. Ithaca 37-12-28, modified new, $78.50. Fox Sterlingworth 30" 12 gauge, improved & modified, excellent, $65.00. Sharps rifle 45-70, excellent, $35.00. Spencer carbine, good, $10.00. .44 Remington percussion, excellent, $40.00. Ballard action, excellent, $15.00. Mashburn Bee, Stevens action, #45, Winchester barrel, excellent, no stock, $35.50. Henry Nonnemaker, 503 9th Avenue, Bethlehem, Penna.

$5.00 NEW GOVERNMENT RAINCOATS, ALL sizes, guaranteed. Weil's Curiosity Shop, 12 Strawberry St., Philadelphia 6, Penna.

S&W K.22 MASTERPIECE FIRED ONLY 200 rounds Myres holster, both excellent plus, Magna and regular grips, $90.00. First M.O. C. H. Stone, Greenleaves, Natchez, Mississippi.

COLT ACE .22, PERFECT, FACTORY BOX, three clips, $75.00. Want Kit Gun. M. Pennebecker, Waupaca, Wisconsin.

COLT NEW SERVICE .45, NICKEL, FRANZITE, 7½", target model, holster, shells, excellent, $60.00. Others including Baby Nambu. Sell, trade. E. U. Sherman, 3649 Penn., Kansas City 2, Missouri.

SPRINGFIELD AS ISSUED, NICKEL STEEL action, Star-gauged barrel type C stock, excellent, $78.00. .45 ACP Remington, very good, new shoulder holster, 100 rounds, $40.00. Stevens #44, .32 Long R.F., good, $20.00. Charles Lewin, Wilson Road, Fall River, Mass.

$32.50 USED GOVERNMENT BINOCULARS, 6 power, 30mm., fine condition with case, also telescopes, send for price list. Weil's Curiosity Shop, 12 Strawberry St., Philadelphia 6, Penna.

SLEEPING BAGS, ARMY SURPLUS MUMMY shape double arctic inner bags 34x80, 40% down, 60% feathers, snap closures. Poplin outer bag lace closure. Waterproof rubberized carrying sack. Air mattress 26x72. All brand new, $45.00. Less mattress $34.00. An exceptional bargain in outdoor sleeping comfort. Check or M.O. Frank Manuel, 124 6th St., S.E., Washington, D. C.

SPECIAL BALLISTICS TABLES FOR CHECK-firing, or sighting-in big bore rifles. Long range zero sight settings can be check-fired on Sca-Pat targets at 50 and 100 yards. Special table shows trajectory on 50 and 100 yard targets for zero range up to 300 yards. Table also gives Zero Range that will keep the bullet within 4" high, and 4" low. Special tables and 5 scale targets postpaid for $1.00. Sca-Pat Targets, P.O. Box 6547, Dept. A-1, Philadelphia 38, Penna.

30-06, 270, .38 S&W SPECIAL PRECISION CUSTOM handloading with speer, modern, M1, squibb bullets, price list. Byron A. Brooks, 488 Cherry Ave., San Bruno, California.

REMINGTON SPORTSMAN 12, VR, CUTTS 4 tubes, custom Monte Carlo stock, cheekpiece, pad, Nydar, excellent, $175.00. Parker AAHE 12, SST, perfect, $950.00. Parker SC trap 12, $225.00, very good. Springfield sporter, Lyman rear, regulation front, custom stock, cheekpiece and pad, swivels, very good, $125.00. Francotte VL&E three barrel, 12-30-30, excellent, $550.00. Jas. Bury .35 Winchester double express rifle, good, 80 cartridges, $450.00. Unertl and Argus scopes, B&L and Wollensak binoculars. Following new guns: Browning special 12, rib, $116.40. Browning Lightweight 12, $124.50. Winchester 94 carbine 30-30, $56.50. Mossberg 151M .22 automatic $30.90. Ray Equipment Co., Rock Creek, Ohio.

CUSTOM HAND CARVED WESTERN BELTS $5.00. Inquiries invited, details free. A. Gehlhardt, Blauvelt Road, Orangeburg, N. Y.

K22 $70.00. WOODSMAN 6½" $60.00. BOTH new. K4 Weaver, perfect, $42.00. Ray Guthrie, 2 Belvedere St., Williamson Road, Roanoke, Virginia.

AMMUNITION FOR 7MM. JAPANESE BABY Nambu, 25¢ each. Copper jacketed soft nose Mauser 8mm. custom loads 20¢ each. Want 8mm. and .30 carbine empty cases. John Altop, 1124 Argentine, Kansas City, Kansas.

MUZZLE LOADING GUNS FOR COLLECTOR, shooter. Always a nice selection. Price list 10¢. Ollie Miller, 417 Kingston, Lemay 23, Missouri. 8-47

LATE ISSUE 30-06 AND .45 ACP AMMUNITION 4½¢ each. Charles Lewin, Wilson Road, Fall River, Mass.

WINCHESTER MODEL 70, .220 SWIFT 26" BARrels, with Weaver K25 and Edwards six power attachment. Weaver mounts, rifle, excellent in and out, scope new, $170.00. Custom built .257 on Mauser action, with double set triggers, new 24" Johnson barrel, action lightly engraved, perfect in, excellent or better out, $125.00. Haenel .22 single shot rifle, 28" barrel, open sights, palm rest, near perfect in, near excellent out, $90.00. 6.5 Mannlicher-Schoenauer, full length stock, DST, 18" barrel, metal, excellent in and out, wood needs rechecked otherwise very good, $135.00. George M. Fleisher, Box 41, Millerstown, Penna.

SHOTGUN SHELLS, CASE QUANTITIES, ALL loads, catalog prices—primers, all sizes $6.00 per M. U.S. Rifle bore cleaner, qt. 75¢—.22LR cartridges, $5.00 carton—New Remington 37 AR, $113.90. New Remington 513TR $53.50. Excellent Savage 19—.22 K Hornet, Weaver scope, B mounts $85.00. Sam T. Owens, Owens' Sporting Goods, 211 Main Street, Joplin, Missouri.

TARGET RIFLES WINCHESTER 52 STANDARD heavy and bull B. 37 Remingtons, Fecker and Unertl target scopes 10X shooting coats, list prices. Robert Hogue, North East, Penna.

EXCELLENT COLT COMMANDO .38 SPECIAL, 2" barrel, Parkerized, $40.00. Joseph Allen, P.O. Box 385, Pawtucket, R. I.

$1.50 SPRINGFIELD 30-06 RIFLE BARRELS, second hand. Limited supply. Weil's Curiosity Shop, 12 Strawberry St., Philadelphia 6, Penna.

CAST BULLETS, 145, 158 GR. .38 CONICAL, 146 gr. wadcutter, lubricated and sized, $8.50 per 1000. .38 Special once fired cases large or small primer pocket $4.00 per 1000. .22 short fired copper cases 50¢ per pound. Reloads midrange or full .38 Special $3.00 per 100. .38 S&W $3.00 per 100. .45 ACP 5¢ each. Frank Svec, 149 Oakdene, Leonia, N. J.

54 WINCHESTER, 250 MAGNUM, H.B. HIGH comb, 6X Weaver, Turner mount, very good in, good out, Pacific tool, scale, bond measure, cases, components reloading cabinet, bench rest, target frame, gun case, $285.00. P. B. Pontius 402 South Wood St., Middletown, Penna.

$1.00 GOVERNMENT METAL PACK CARRIER frame for mule or horse, cost $20.00. Weil's Curiosity Shop, 12 Strawberry St., Philadelphia 6, Penna.

BORESKOPE

—the *new* SAFETY device!

The latest prismatic development for the safety, convenience and economy of the shooter.

SAFETY: With the aid of the **BORESKOPE** you are **always** sure there is no dangerous obstructions in the bore of your gun.

This safety factor alone is worth having a **BORESKOPE.**

CONVENIENCE: The **BORESKOPE** is small enough to carry in your pocket like a small penknife. It is always ready for use regardless of weather or temperature; there is nothing to adjust or get out of order; you just open it, place it with flat side of prism toward the bore, look into it, and a sharp image appears before your eye, disclosing accurately the exact condition of the bore.

ECONOMY: With the **BORESKOPE** you are always able to easily check your guns, you know when cleaning and lubricating is necessary—therefore no excuse or alibi to let your guns get rusty, thereby prolonging the life of your firearms—whether you use a shotgun, rifle, pistol or revolver. The **BORESKOPE** will save you money.

A **MUST** in the gunsmith's shop, as well as for every sportsman. **Retail $1.50 plus 15 cents tax at all SPORTING GOODS DEALERS.** If your dealer can't supply you, order direct.

Dealers' inquiries invited.

WOLFF & MUNDY

5 S. 69th St. Upper Darby, Pa.

SHOOTING EQUIPMENT

Mossberg Spotshot Scope, 20X	**$22.30**
Argus Super Grade Spotting Scope, 20X, coated lenses	**74.50**
Argus Scope Stand, black	**8.50**
Freeland DeLuxe Scope Stand	**9.50**
Rem. 510 .22 Rifle, single shot	**11.50**
Rem. 510, peep sights	**12.85**
Rem. 511 7-shot .22 repeater	**20.60**
Rem. 511, peep sights	**21.50**
Stevens 416-2 Target Rifle	**48.40**
Win. 52 Std., no sights	**79.50**
Rem. 513-T .22 Target Rifle, sling, peep sights	**53.50**
Rem. 513-T Rifle, no sights	**45.05**
Rem. 37 Match Rifle, Rem. rear, Redfield front, sling	**113.60**
Rem. 37, no sights	**94.45**
Win. 69 .22 Match Rifle, 5½ lbs., sling, peep sight	**25.15**
Win. 64, 219 Zipper Rifle	**87.35**
.219 Zipper Cartridges, Box 20	**1.85**
Colt Shooting Master .38 Spec. Match Target Revolver	**72.50**
Rem. .38 Match Cartridges, 50	**2.57**
10-X Aristocrat Shooting Coat	**10.50**
10-X Imperial Shooting Coat	**13.00**
New Regulation Sling, 1¼"	**1.75**
Good Used GI Sling, 1¼"	**.85**
Randle Cartridge Block, .22 Cal.	**.75**
Randle Metal Sling Keeper	**1.00**
Rem. Palma Kleanbore & Targetmaster, Peters Dewar & Police Match, Western Super Match .22 L.R. Match Ammunition, 1,000	**12.30**
Regular .22 L.R. Cartridges, state brand preferred, 1,000	**10.25**
Freer Professional Checkering Tools, finest made, set of 5	**17.50**

All items sent prepaid except ammunition. We have many more items in stock. Write us your needs.

Southwestern Distributor Official N.R.A. Targets

THURMAN RANDLE & CO.

208 N. Akard St. Dallas 1, Texas

The PESCO AUTOMATIC RELOADER

(formerly BUCHANAN RELOADER)

will reload 1000 cartridges per hour. A complete bullet with every stroke of the handle. Just the tool for Police Departments and Gun Clubs. For .38 Caliber Special cartridges only.

4 GUN CASES. Either black or brown, F.O.B. Chicago. $16.50

Write for Pamphlet

POLICE EQUIPMENT SUPPLY CO.

666 St. Clair Street Chicago 11, Ill.

SAFE ACCURATE ECONOMICAL RE-LOADS

5-GUN PISTOL CASES

DESIGNED AND BUILT BY PISTOL SHOOTERS

New, modern design, including *detachable* mounts for spotting scope. Only case made large enough for Argus scopes. Cartridge blocks included for .22's, .38's, .45's. Fixed spaces for all accessories.

Write for descriptive folder and prices.

MARTIN (MOOSE) TAYLOR

2915 Trowbridge St. Hamtramck 12, Mich.

CARTRIDGE RELOADING

All Calibers—Custom Loaded Rifle—Revolver—Shotgun Cast bullets for sale Reasonable prices—list free

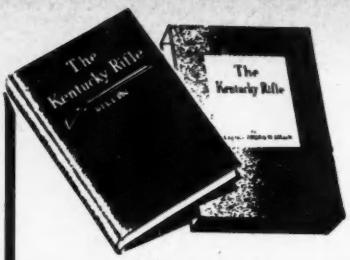
D. A. LANAGAN PO Box 706 San Pedro, Calif.

Fine Guns NEED FINE OIL!

Oil your Gun *with* 3-IN-ONE

When thoroughly cleaned, leave a thin film of Light Weight **3-IN-ONE** on all parts and you're ready for the next shoot.

3-IN-ONE Oil



BOOK NUMBER ONE

on American Arms for American Shooters

THE KENTUCKY RIFLE

Here is the one complete, accurately documented, profusely illustrated story of the remarkable American-invented, frontier-made rifle that made victory possible in the American Revolution and which—today—is winning new popularity as a target and hunting weapon and collector's item. See full details in our February advertisement. Order your copy from your bookseller or by mail. Beautifully printed, excellently bound, boxed in sturdy slip case. $10.

New—third edition. 300 pages.
New—Kentucky Pistols.
130 Photographic plates. Line cuts.
History. Who made . . . How made . . .
Makers' names. Powder horns, targets.
Accuracy tests. As a hunting weapon.
As a military arm.

Ludlum and Beebe, 391 East 149th Street New York 55, N. Y.

Available at:

NEW YORK CITY
Abercrombie & Fitch
American News Company
Beacon Book Shop
Brentanos
Brooks Bros.
Cross Roads of Sports
Doubleday Shops
Duttons
Harry Hoyks
Phillip Medicus
Isaac Mendoza
Sporting Gallery
Womraths

CALIFORNIA
Kerrs—Beverly Hills
Malcom MacNeils—San Francisco
Sather Gate Book Stores—Berkeley
Seven Seas Book Shop—Santa Cruz
Ye Olde Book Shop—San Diego

GEORGIA
Little House—Savannah
Millers—Atlanta

ILLINOIS
Freeland's Rock Island
Campus Bookshop—Canton

CHICAGO
A. C. McClurg
Marshall Field
Von Lengerke & Antoine

IOWA
William Seymour—Hinton

KANSAS
Command & Staff College—Fort Leavenworth

LOUISIANA
Book Nook—Shreveport

MAINE
Gunroom Booksellers—North Castine

MASSACHUSETTS
Old Corner Book Shop—Boston

MISSOURI
Bennet Schneider—Kansas City

OHIO
A. G. Comings—Oberlin

NEW YORK
Ira Friedman—Great Neck
Waynes—Bronxville

PENNSYLVANIA
Joseph Horne—Pittsburgh
Ray Riling—Philadelphia
Wallecks—Pittsburgh

SOUTH CAROLINA
Book Basement—Charleston

TEXAS
McMurrays—Dallas

WASHINGTON, D. C.
Harry Feldstone
National Rifle Assn.

WASHINGTON
Fox Book Co.—Tacoma

WISCONSIN
Harry Schwartz—Milwaukee

CANADA
Albert Britnell—Toronto

"SLICK TRIGGERS"

With Speed Lock—No Slack, No Creep

For Enfield, Springfield, Mauser, 30S and M54. Price, $10.00; three-day service. This includes the Enfield to cock on upstroke, the easiest of them all. Improves the cocking of other rifles by 50%. Serving discriminating shooters in 48 States & 12 foreign lands. Safe, sure, the same every day. **Johnson Muzzle Brakes.**

M. L. SMITH, *CUSTOM BARRELS, CUSTOM GUNS, CONVERSIONS* Rt. 3, Bryan, Texas

ENFIELD OWNERS

Let me modernize that Enfield with my speed action job. Changes bolt to cock on opening, short firing-pin fall with heavy mainspring, sleeve built up to eliminate sloppy bolt when in closed position, military slack removed from trigger, trigger pull short and crisp, with adjustment.

I must have the complete bolt trigger and receiver assembly for this job. Shipment is most satisfactory by Railway Express. The finished job will be returned C.O.D. if you wish.

The complete job on your Enfield, Mauser 98, Krag, or Springfield—$15.00.

Weaver K2.5, coated, cross hair	$45.00
Weaver K4, coated lens	52.50
Lee Center Dot, extra	8.00
Clear Sight Scope Caps, pair	2.95
Weaver U mounts	6.75
Stith mount for 99 Savage—K Scope	15.00
Stith Q.E.D. for Model 70—K Scope	17.50
King-Pike Q.E.D. for K Scopes	17.50
Redfield Jr. for K Scope	14.75
Pachmayr pads $3.25, installed	6.00
Following work will be done only on rifles sent in for a complete speed action job—	
Alter bolt handle on Springfield or Mauser—install low safety	$12.00
Remove Enfield ears and polish	5.00
Straighten Enfield floor plate	4.00
Shorten barrel and crown muzzle	3.00
Re-barrel your military action to .22-.250, .257, .270, or .30-06; complete reblue job	45.00

KENNETH CLARK **Madera, Calif.**
Phone 390J1 **Rt. 1—Box 95**

Made To U. S. Army Specifications!

15-JEWEL ELGIN $18.95

Sturdy 15-Jewel ELGIN men's wrist watches. Waterproofed. Sweep second hand. Stainless Steel case. Unbreakable crystal. QUALITY! American made. Fully reconditioned, with ONE YEAR GUARANTEE! Made for the U.S. Army Air Corps, THEY HAD TO BE GOOD. SEND NO MONEY. Simply pay postman $18.95 plus 10% tax and postage on delivery. Cash orders sent postpaid. Limited supply.

UNITED PRODUCTS CO.
7941 S. Halsted St.
Dept. WES-115
Chicago 20, Ill.

THE HIGHLAND GUN SHOP

UTICA, N. Y.

Remember the name—it means the finest in durable, blue-black, lasting

Gun Bluing

Formerly in charge of gun bluing at the Savage Arms Corporation, Utica, N. Y., for over twenty years. Our method known only by experts. No gamble on parts, solder, ribs, etc. No gun too high priced to reblue. Will not damage gold inlay, or engraving. Foreign makes, all kinds—three barrel, over and under If you are particular and demand the best then send to:

CHAS. J. McCONEGHY
2203 Highland Ave. Utica, N. Y.
Reasonable prices. Dealers' inquiries welcomed

MAGNUM 10 GA. #2 ITHACA, NON-SELECTIVE single trigger, recoil pad, ivory sights, Beavertail, very good out with exception of repaired cracks in Beavertail, excellent in, $160.00. With 4 boxes shells, $175.00. A. M. Webber, 4 Park St., Kittery, Maine.

EXCELLENT .401 WINCHESTER MODEL 1910 S.L., nickel steel barrel especially for smokeless powder, extra clip and 150 rounds ammunition, $100.00. L. P. Zeglio, R.D. #2, Plainfield, New Jersey.

SELL or TRADE

MAUSER 98 MILLED GUARD, V.G., $35.00; 5 boxes factory 218 Bee, 1 box 25 Remington $3.00 box; Want v.g. issue Springfield Krag. E. A. Dellenbaugh, 217 E. 3rd, Edmond, Oklahoma.

VERY GOOD TO EXCELLENT .219 HORNET and 16 gauge, components $65.00. .35 caliber Kentucky. Plenty components $25.00. Collectors Zulu and Belgium rifle $5.00 each. Will trade for 52B Winchester. Write. Chas. E. Stanley, Macksville, Kansas.

DEALER & COLLECTOR: ILLUSTRATED World-Wide Firearms magazine, $1.00 yearly, postpaid anywhere. Dealer & Collector, Box 71CA, Flushing, New York. tf

NEW MODEL 94 30-30 CARBINE, TEXAN AND Stith, $126.50. Want excellent only 8mm. engraved, ribbed, Mauser sporter & scope. Dale Weeks, Belle Fourche, So. Dak.

54 WINCHESTER 30-06 TARGET GRADE VAVER rear, excellent, $135.00. 3 barrel 16/8mm. John Meffert, Suhl German, excellent inside, v.g. outside, $150.00. Want Commercial Mausers, regular or Magnum. Amos Wells, Lebanon, Oregon.

PERFECT M-1935 BROWNING $47.50; HOLster, extra magazine $7.50. Want .357 New Service; excellent B&L 6x30 binoculars/case. Thomas Sherer, Tuscumbia, Alabama.

THREE BARREL JOB BY J. P. SAUER 16 gauge double and 8x57 J.R. rifle barrel, excellent, $225.00.. Want European over & under shotgun. Wanted: over & under rifle both barrels being rifle caliber, do not want combination shotgun & rifle. Pat Greer, Buford, Georgia.

16 GA. GERMAN CUSTOM DOUBLE, CHARLES Pischer, 6#, engraved, Krupp barrels, very good, $70.00. Want O&U or Winchester 21, 12 ga. or 16 ga. open boring. A. T. Mickle, 721 Arcadian, Waukesha, Wisconsin.

GENUINE 22 JEWEL, WALTHAM, NAVIGator's master pocket watch, brand new, in factory carton, 24 hour dial, sweep second hand. Valued at $115.00, will trade for good camera, gun or? Oliver Jernigan, Jr., 131 Dalraida Road, Montgomery, Alabama.

EXCELLENT H.S. H.D.M. 6¾", HOLSTER, TARget grips $48.50. A. W. Goris, 1711 16th, Bedford, Indiana.

COLLECTOR'S ITEMS: BAKER THREE-BARrel, fair in, good appearance, Colt double 12, hammer, fair in, good appearance, Danish long Krag, excellent, Austrian straight pull, excellent Spandau 1905 Mauser, polished stock, bayonet, good, $40.00 each. BSA .22 air rifle, excellent, $30.00. 1849 Colt five shot 4" barrel, good, $30.00. Gendarme 9mm. pinfire revolver, excellent, $20.00. 7mm. folding trigger, good, $10.00. Want Mauser and other actions. Edgar Nash, Poway, California.

LEICA IIIB, F:2. LENS, CASE, FILTERS, OVER $65.00 worth film, German light meter, excellent, $300.00. Binoculars fair, $27.50. Want Remington Sportsman, M31, M12, 70:30-06, 70:270, 70 Hornet, 12 gauge 7½C shells, and cash. Consider groups of above to equal value. Others considered, but no alterations. Member. H. J. McKinnon, 323 East Main St., Clarinda, Iowa.

EXCELLENT ITHACA M37, MODIFIED BARrel, pad, 16 gauge, $70.00 or trade for Hornet, excellent Browning Lightning O&U, extras, $190.00. Want: Savage 99T, Alaskan, B&L 6x30. R. M. Chapin, 380 Dargan Place, S.W., Atlanta, Georgia.

PACIFIC SUPER-TOOL •

LOADING TOOLS. Calibers: Hornet, Swift, 270, 30-06, 30-40, 2R, 30-30, 22 Varminter, .257, .250 & .300 Savage, .45 A.C.P.

Immediate Delivery

WAL-DON
SPORTING GOODS
1227 Herberich Ave. Akron 1, Ohio

MILLER BEDFORD, NEW LONDON, OHIO. Colt Civil War Army revolvers, fair, $29.50. Remington same, rough $19.50. Wheelock, 300 years old, very fancy, defective, $98.50. Jennings, ancestor Winchester, excellent bore, rare airgun, defective, $15.00. Greene U. S. Army percussion rifle, bolt action, good, $32.50, rare. Hall's Patent revolver rifle, extreme rarity, $165.00. Powder horns, old, good, $4.50 each. Byzantine Flintlock pistols, $35.00, fancy. Pettingill hammerless Civil War revolver, good, $55.00. Joslyn, same period, good, $55.00. Allen & Wheelock LIPFIRE Army revolver, rare, good, $65.00. Allen, percussion Cane shotgun, rare, $29.50. Turkish Army flint pistol, good, $27.50. French percussion police pistol, fair, $19.50. Tower percussion Navy pistol, good, $25.00. Enfield same, $28.00. Brass barrel Massive Ketland percussion pistol, $21.00 good. British Bonehill, double 12, hammerless, auto ejectors, case, good plus, $159.50. Maynard shotgun for Emperor Third Napoleon, new, $55.00. J. P. Sauer, double 16, hammerless, shipping marks, like new, $145.00. Mauser 8x57, fullstock, sporter, very good, $75.00. Mauser sporter, 9.5x57, Krupp rib barrel, fair, $75.00. Fair Kentucky flintlock, $59.50. Gorgeous, inlaid, heavy Pennsy. M1, .45, very good, $65.00. Febiger, New Orleans, experimental .22 auto. rifle, very good, $49.50. John Paul Jones, flint pistol, $250.00. Rare Irish Colt .44-40 carbine, poor, $29.50. Apparently unused Polish Radom, $37.50, permit? Trade only: Walther .22 Olympic auto. pistol, S&W heavy duty, engraved, blue and gold, excellent, $100.00. Latest shooting Master .44 special, poor grips, loads, $69.50. Want: Foreign; doubles, gold inlaids, Mausers, antiques. Rarest Americans. Rarest Colts. Describe, price. Self-addressed postcard for reply.

NEW SAVAGE 99 300, REDFIELD 70, AMMO. $100.00. Want M20 Savage 250-3000 M70 or Mauser. Member. John Brandt, Randolph, Nebraska.

WINCHESTER MODEL 24, 12 GAUGE $45.00. Winchester model 74, L.R., custom mounts, Oigee Gnomet 2¼ scope $60.00 or rifle and mounts, $25.00. New Colts .45 auto. and holster, Gov't issue, $45.00. Wilceaux 8x30 binoculars and case, $35.00. All excellent or better. Inspection. Want 2½ Alaskan or K2.5. W. E. Brown, Member, 621 West Lake St., Minneapolis 8, Minnesota.

CARL ZEISS ZIELMULTI SCOPE #14052 LENS covers, custom leather carrying case, all excellent, $100.00. Univex, complete 8mm. movie outfit, with projector, $60.00. Want: Zeiss Zielvier, Zielsechs, Ajack 6x50, Hensoldt or 98 actions. Kenneth Londberg, 1912 Hutchins Ave., Rockford, Illinois.

S&W 4" AND 5" HI-STANDARD HD, ALASKANS, Weavers, Texans with Lee Dots, binoculars, Argus spotters and many other items. Trade for American guns only. Can use German scopes and binoculars. Write for free price list, ready the first of each month. J. L. Fricks, Albertville, Alabama.

FLINTLOCK FRENCH DUELING, NEW 21½ long inlaid engraved, silver studded, satisfaction guaranteed, Photo, want double rifle in like condition. Western Gun Exchange, Whittier, California.

ALL NEW: HI-STANDARD HDM 6¾ $50.00. Winchester model 12 12 compensator 2 tubes 26" overall $100.00. Smith .2, 16, 20 doubles $96.00, perfect Gabilondo "Llama" 9mm. $40.00. Many bargains. List on request. John Summers, 617 North Street, Cape Girardeau, Missouri.

REMINGTON MODEL 25, .32 WCF SLIDE ACtion rifle, cover, cartridges, tang rear, very good out, good minus in, $45.00, Russian Nagant 7.62 revolver, fair, $30.00, French Army 1892 revolver, holster, cartridges, fair, $25.00, or trade for Flash camera, Marvin C. Friedman, 743 E. Mitchell Ave, Cincinnati 29, Ohio.

REMINGTON M32 O&U 12X26" I.C. BARRELS, v.g., $184.50. Parker 4H 20x28" M&F, v.g., $98.50. Andrew Spina, 514 Main, Towanda, Penna.

8MM. MAUSER SPORTER 24" BARREL, REDfield rear, ramp sling, 4 position swivels, good, $55.00. Another new military $40.00. H. H. Hoffmann, Herndon, Kansas.

RARE FURLONG FLINTLOCK FOWLER, FULLY browned barrels, platinum vent., bouche, excellent, $175.00. Cased pair Lancaster double 16 bore percussion coach pistols, fully blued barrels, platinum vents., and inlays, excellent, $175.00. Exhibition pieces. Want double rifle or combination gun. Edgar Nash, Poway, California.

TARGET SCOPES

FECKER'S & UNERTL'S IN MOST SIZES. Target rifles, 10-X coats, PRIMERS, Pacific tools, B&M Tools, King-Pike Mounts, Accessories.

WAL-DON
SPORTING GOODS
1227 Herberich Ave. Akron 1, Ohio

HANDGUN PROTECTION

KIT 38 4-GUN MODEL

Full Protection for Fine Pistols and Revolvers

Fabricated and manufactured to our prewar high standard of quality throughout. Stand-up lid for mounting spotting scope, long enough for Argus. Outside finished in top grade grained fabricoid, inside lined fabricoid, blocks holding guns soft lined to protect finish of guns. Snugly fitted blocks prevent side movement. Made to maximum strength with minimum weight, for practical and convenient use on the range. A fine, modern, streamlined kit.

Kit 38, Alligator grain finish, 4 guns $31.25
Kit 38, Alligator grain finish, 5 guns 38.50
Kit 38, Walrus grain, black or brown, 4 guns 32.50
Utility 4-gun kit with top tray set-in type, guns below, not for scope lid mounting, Alligator grain $15.50
O'Dell Friction Mounts for Lids, each 4.50

WISLER WESTERN TARGETS

543 CLAY STREET **SAN FRANCISCO 11, CALIF.**

TOMMY DOT

The IMPROVED Reticule

All foreign scopes $12.50
Alaskan, G88, Texan, Leupold 10.00
K2.5, K4, 29S 8.00
All target scopes 7.50
330, 440 ..... 6.00
Include return postage.
Two-day service. Folder on request.

G88 2½-4½ $60.00
K2.5 ..... 52.50
K4 ..... 60.00
Vectra 2½ 37.45
Leupold ... $62.50
Texan 60.00
Alaskan ... 70.00
G88 #6x .. 73.75

Echo, Redfield & Jaeger Mounts.

ROBERT S. THOMAS **Box 81, Silver Spring, Md.**

NEW GUNS

High Standard, HD Military Model, Auto. Pistol, 6¼" barrel, cal. 22, $52.50. Smith and Wesson Military and Police Model Revolver, caliber 38 special, 4" and 5", $56.50. Smith and Wesson Outdoorsman Revolver, target sights, 6", $77.50.

PUBLIC SPORT SHOPS
13 So. 16th St. **Phila. 2, Pa.**

FOLDING TARGET STAND

Will hold two 100-yard targets. Stand 36" high, frame 24" x 30". Price $7.50. CHECKERING CRADLES for finishing gun stocks $7.50.
LYLE L. HAGEL
171 Stanley St., Peoria 6, Ill.

GRIP-CAPS

OF MACHINED STEEL

By far the best steel cap on the market. Hollowed out to reduce weight. 1 5/16" x 1 13/16" x ¼". Not polished or blued. $1.00 del'd.
Discounts on quantity orders.

LEWIS G. DODD
Dowagiac **Michigan**

You can't Hit 'em if you can't See 'em!

SCOPE-SHADE

You get all-weather use of your scope with a Scope-Shade, as it protects the objective lens of your scope from sun, rain and snow.

Made of finest blued steel, a Scope-Shade improves the looks of your gun. Very easy to install. Absolutely no reduction in your field of vision. If not satisfied with Scope-Shade your money cheerfully refunded.

Scope-Shade is made in sizes to fit all scopes. All ¾" scopes, such as Weaver 330 and 440. **$1.75** Lyman Alaskan and Weaver K2.5, $2.00. All others, custom made. Sent postpaid with complete instructions. If your store cannot supply you, send check or money order direct to manufacturer.

SCOPE-SHADE COMPANY, Metzger, Oregon

AIR RIFLES **BENJAMIN** **AIR PISTOLS**
PIONEERS—LEADERS

Send for Free Folder of Latest Models Today
If you want a **REAL GUN** for **PRACTICAL USE** inside or outdoors, get a **SAFE—CLEAN—ECONOMICAL BENJAMIN** with Adjustable Power and Amazing Accuracy. Use **BENJAMIN H-C PELLETS** for **BEST RESULTS** in all Rifled Models. **WRITE AT ONCE.**
BENJAMIN AIR RIFLE Co., 807 Marion St., St. Louis 4, Mo.

NOW! Two Finer Tools Give Handloaders the PERFECT "BULLET!"

MEEPOS RELOADER

Sizes, decapps, recapps and expands cases with one stroke of the lever. Orders filled within 10 days after receipt.

$30.00 For one caliber
Complete F.O.B. Los Angeles

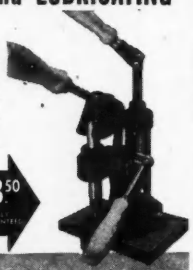
Fully guaranteed. Improved model. Prices subject to change without notice.

MEEPOS SPEEDLUBE

Accurate · Clean · Speedy

BULLET SIZING and LUBRICATING

Just put bullets in top, pull lever, they drop out at the bottom. With your order include bullet make and number, or sample bullet if possible.



Die set included	
Extra dies	$3.50
Bullet Punch	75

$18.50 GUARANTEED

The Meepos Company 3128 S. MAIN ST., LOS ANGELES 7, CALIF.

Send For Free Circulars

C. R. PEDERSON & SON
Ludington, Michigan

ENFIELDS We cut and crown barrel; furnish and mount ramp; straighten guard; mill ears; drill and tap for peep sights; polish and blue complete gun; $25.00. Write for complete list. Satisfaction Guaranteed.

RUSTEPRUFE

A Nitro-Solvent and Rust Preventive in one application. Prevents Rust in any climate for indefinite periods of time. Used and endorsed by leading Shooters. Sold at Hardware and Sporting Goods Stores throughout the country.

WRITE FOR FREE PAMPHLET ON GUN CARE · RUSTEPRUFE LABORATORIES · SPARTA, WIS.

PRIMERS

IMMEDIATE DELIVERY

REMINGTON NM, NC
ALL SIZES

$5.95 per thousand

Lots of 5000 or more
$5.50 per thousand

Check or Money Order

Bullets, Powder, Accessories

Write for List

D & A
SPORTING GOODS CO.
1601 E. Douglas
Wichita, Kansas

"Kansas' Largest Sporting Goods Store"

The New Improved Mark 218
22 POWER TELESCOPE

TELESCOPE with leather carrying case $22.50

40 mm. dia. achromatic objective lenses, fluoride hard coated for brighter, clearer images.

FOR GENERAL OBSERVATION: An ideal long range glass where high magnification is desired. Despite its high power it is only 12½ inches long and weighs less than one pound. The achromatic optical system includes six precision lenses. Quick-focus spiral screw eyepiece. Constructed of hardened aluminum with black crackle finish.

Money back guarantee. Immediate delivery. We pay the postage.

Adjustable tripod (illustrated) $4.75

FOR TARGET SPOTTING: Guaranteed to spot .22 hits at 200 yards in the black and 400 yards in the white. Can be focused as close as 15 feet. FOR ASTRONOMY: The unusually high resolving power of the needle-sharp hard-coated lenses in this precision instrument brings out the moons of Jupiter, rings of Saturn, hundreds of mountains and valleys on the moon, phases of Venus, etc., in clear-cut relief. Highly recommended by leading experts. Price, including case, only $22.50. SEE IT AT YOUR LOCAL DEALER OR ORDER FROM

BROWNSCOPE CO.
Dept. 6A, 24 West 45th St., New York 19, N. Y.
Catalog of big values in binoculars, microscopes, etc., free on request.

MACHINE SHOP EQUIPMENT

Just off the press!—Every man who owns a workshop should have a copy of the new, up-to-the-minute, 200-page catalog of Machine Shop Equipment—the latest tools made by the biggest manufacturers in the U. S. Replete with illustrations, descriptions, prices. Prompt delivery on most tools listed in this book. Available at cost of printing—50c a copy—get yours today! Price of Catalog Refunded on First Order over $5.00. Send check or Money Order to

CENTER TOOL CO., 153 Centre St., Dept. G, N. Y. 13, N. Y.

EXCELLENT MODEL 21-12 WINCHESTER skeet, beautiful checkered stock and beavertail forend, single trigger ejectors, leather case, $175.00. Or high grade 12 or 20 pump, will pay or accept difference. Fox Sterlingworth 12 recoil pad, good, $55.00. Fenhagen, 5304 Greenhill Ave., Baltimore 6, Maryland.

UNFIRED, PERFECT, MATCH TARGET Woodsman; special swivel holster, extraclip, 500 cartridges, $100.00. Want excellent to perfect .44 Special S&W, new Century (tripple lock) 6½" target. C. B. Kenney, 5541 Everett, Chicago 37, Illinois.

MANNLICHER-SCHOENAUER 6.5 PERFECT, extras, $185.00. Deluxe target .257, new, $185.00. Ervin King, Watervliet, Michigan.

DOUBLE RIFLE, HAMMER, 11MM. AMMO., excellent in, very good out, $75.00. Walther heavy barrel .22 training rifle, excellent, $55.00. Luger 7.65, DWM, 3¾", very good, barrel rough, holster, ammo., $40.00. Luger 9mm. DWM, 8", excellent, holster, $60.00. Remington model 24 automatic, excellent, $35.00. Will take K.22 in trade. Money back guarantee. Ed Betz, Life Member, Flat Rock, No. Car.

REGISTERED COCKER, DOG, 16 MONTHS, sired by Champion Log O'Cheer Loyal, $150.00, or .257, .270, Shooting Master, 7x35 binoculars. No junk. E. F. Blankenship, 2026 1st Ave., North, Birmingham, Alabama.

10X32 FRENCH BINOCULARS, CASE, GOOD, $20.00. Want Commercial Mauser or Magnum, German scopes, mounts 9.3x64 cases, shells. Amos Wells, Lebanon, Oregon.

TRADE

K22, EXCELLENT. WALTHER OLYMPIC .22 auto. pistols, very good, excellent commercial B&L 7x50, case; also 6x50. Excellent .44 special shooting master. Want Dural scopes, superb foreign modern or antique guns, no junk. Miller Bedford, New London, Ohio. tf

SOMETHING TO SWAP: ADVERTISE IN Green Mountain Trader. Monthly National circulation to gun traders. Others. Sample copy, dime. Henshaw, Bondville 6, Vermont.

FOX STERLINGWORTH 12 GA. I.C. AND M. auto ejector, Beavertail, inside perfect, outside good to excellent, ivory front sight. Want single or double trap, full, very straight stock, 30" Beavertail, auto. ejector, preferred, perfect inside, full details exchanged. W. E. Goll, O.D., Cameron, Missouri.

WILL TRADE K22, VERY GOOD, FOR 35MM. camera same condition. Dr. F. Russell, Easthampton, New York.

40 SHARPS BORCHARDT, OLD RELIABLE, ACtion good, for good 330 Weaver scope with B, Bridge mounts. J. H. Routson, 828 Pine, Boulder, Colorado.

COLT WOODSMAN 6½" BARREL, V.G., HOLSter, $45.00. Want reloading tools for 30-40 caliber. State condition, price. Norbert Hay, Trenton, Nebraska.

EXCELLENT 98 MAUSER FOR SAVAGE Utility .22 Hornet, 16 ga. H. L. Bates, 1516 Memorial Place, Pittsburgh 18, Penna.

WEAVER 440, NO MOUNT, FOR WINCHESTER Hi-side action in good shape. Sharps Borchardt considered. Tom Fleming, 834 Greene, Augusta, Georgia.

4000 NMNC L.R. PRIMERS TOWARDS .22 OR .257 perfect in, need 250-3000 bullets, and once fired empties, also 30-06 bullets. Member. L. A. McClelland, Arnegard, No. Dak.

PAYING 2¢ APIECE FOR 250-3000, 30-40, .220, .303 Ross, .303 British AM. made, 2R Lovell and 25-20 single cases in good condition, or will trade 9½ Remington primers at the rate of $6.00 per 1000 for same. Hanson Custom Loading, Bonner Springs, Kansas.

TRADE—GUNS, WATCHES, BINOCULARS, thousands of swaps, free information. Swappers Gazette, 2836-R Slevin, Louisville 12, Kentucky.

218 WINCHESTER 65 BEE, EXCELLENT FOR 7x50, or larger binoculars. Wm. Karvonen, 1100½ East Wishkah, Aberdeen, Washington.

MAUSER 98 MATCHING NUMBERS FOR COMplete receiver and magazine for Springfield M1922 caliber .22. Charles Lewin, Wilson Road, Fall River, Mass.

TRADE S&W K22 MASTERPIECE, NEW; WANT good crow rifle, write. Harry Reeves, 904 Lothrop, Detroit 2, Michigan.

COLT .45 AUTOMATIC, GOOD TO EXCELLENT, for Colt .380. Ben Vaupel, Mt. Vernon, Indiana.

M12 WINCHESTER, 12 GAUGE, SEVERAL HIGH grade. Want M12, 20 or 28 gauge skeet. John C. Dalton, 1626 Sumter, Columbia, So. Car.

FACTORY NEW TEXAN 2½X SCOPE SIGHTS, coated optics, cross hair reticule, for very good Enfield and $15.00 or what? W. Joseph O'Connor, Sportsmen's Equipment, Baker, Oregon.

9.5 SCHOENAUER AND 9.3X72R CARTRIDGES, sizing and loading die for 9.5 Schoenauer, 5 pounds Lightning. Want 10.75x70R and 8x60R cartridges. Edgar Nash, Poway, California.

EDDYSTONE ENFIELD, NEW, 32-20 COLT Frontier, Stevens .44 .32 Ideal, cases, loads, tools. .25 caliber Haenel pistol. Remington SS 32-20 rifle. Remington bolt .22 SS. Belgian Martini .22 caliber. Sword bayonet, (french) 1873. Shotgun shells. Bob Metcalfe, 1733 No. Alberta, Portland, Oregon.

TRADE. SMITH 12 SPECIALTY, ITHACA 12 #4, trap 52 standard. S&W .44 Special target. Several single shot rifles, all excellent. Want—Wood and metal working machinery. Mexican 7mm. Mauser. .300 Magnum, 70 or Magnum Mauser action. Life Member. L. E. Wadman, R.F.D. Box 1016, Rt. #1, Mill Valley, California.

WANTED

SELL TO SERVEN—A DEPENDABLE, FAIR-dealing buyer of antique firearms collections. No delays. Buying throughout the United States and abroad. Long established. Substantial references. James Serven, (Life Member), Santa Ana, California. tf

WANTED—BROKEN OR COMPLETE SHOTguns, rifles, revolvers and gun parts. (Bought in any quantity). Scaramuzzo, 601 South Halsted, Chicago 7. tf

WANTED—MAUSER, ENFIELD (M1917) OR Springfield (M1903) actions or rifles complete. We want to buy Springfield, Enfield or Mauser (date 1942 or earlier), actions in good condition, or complete rifles, condition of barrels and stocks immaterial. Give condition and price in first letter. Johnson Automatics Mfg. Co., Providence 1, Rhode Island. tf

ANTIQUE PISTOLS, SINGLE PIECES OR ENtire collections. Wm. M. Locke, 3607 Ault Park Road, Cincinnati 8, Ohio. 11-47

.41 REMINGTON, COLT DERRINGERS, ALSO other Derringer pistols, freaks, oddities. Robert Abels, 860 Lexington Avenue, New York 21. 1-48

LOTS OF ANY SIZE, UP TO 100 OR MORE, bull-dogs or top-breaks pistols, can also use Colts, S&W, Wheelers, 32's or 38's, or what have you. Jules Livington, 501 E. Baltimore Street, Baltimore 2, Maryland. tf

REVOLVERS, AUTOMATICS, ALSO GUN PARTS, regardless of condition. Give description and your price, reply assured. Kenfix Company, 3706 Florida Avenue, Tampa, Florida. tf

BROKEN DAMAGED INCOMPLETE—GERMAN rifle scopes for cash. Send scope or write giving full description and lowest price. Schmidt Precision Products, 3347 San Fernando Road, Los Angeles 41, California. tf

OLD, OBSOLETE OR ANTIQUE PISTOLS AND revolvers in working condition. H. A. Brand, 1008 Ingalls Bldg., Cincinnati 2, Ohio. 4-48

REVOLVERS, AUTOMATICS IN FAIR CONDITION. Give descriptions and your price. Immediate cash paid. Wineholt Co., Box 23, Woodbine, Penna.

HANDLOADING AMMUNITION BY MATTERN. Harold Laycock, 102 West Fortune St., Tampa, Florida.

FAIR PRICES PAID FOR TARGET PISTOLS, revolvers, rifles and antique guns of all kinds, ship for estimate. Public Sport Shops, Dept. R75, 13 So. 16th Street, Philadelphia, Penna.

VERY LIGHTWEIGHT 20-16 OR 12 GAUGE over & under or double. Boss or Woodward preferred. Grant Pierce, 64 Alumni Ave., Providence, R. I.

REVOLVERS WANTED IN LARGE OR SMALL lots, in .22. .32, or .38 caliber in fair condition. State what you have and price expected. Wineholt Co., Box 23, Woodbine, Penna.

CHEAP 38-32 REVOLVERS, .25 AUTOMATICS. 39A Marlin. Trade 30 Luger, gold trimmed. Uncle Don's, Fletcher, No. Car.

More light-gathering power with an objective lens that's 4 to 6 mm. larger than usual!

Objective lenses largely determine light-gathering power. The "SCOUT" objective is extra large, perfect in quality, made of crown and flint glass, and corrected for aberration. It is equal in quality to our largest observatory lenses. That means you'll spot rifle holes in the target black *better* under conditions of poor visibility!

***COATED LENSES** for greater brilliance. **LIGHTWEIGHT CONSTRUCTION**, weighs only 23 ounces. • **DRAW TUBE PLUS SPIRAL FOCUSING** for speed and ease. • **ALUMINUM TUBE**. Chrome plated brass draw tube. • **WRINKLE FINISH**. Measures 2⅛" x 13" closed, 17" open.*

$25 RETAIL

WRITE FOR FOLDER, GIVING NAME OF YOUR DEALER

Dealer Inquiries Invited

TINSLEY LABORATORIES

2526 Grove Street, Berkeley, California

***NEW!** Made by the West's largest telescope makers*

SATURN

"SCOUT" model SPOTTING SCOPE

42 mm. objective lens
20 power magnification

LA CROSSE GUN SHOP
Superb Custom Guns
Exquisite Designing
AL BIESEN 1932 Loomis Street
La Crosse Wisconsin
Stamp for Folder

WRENCH FOR RIFLE ACTIONS
***New*-type Wrench; fits all rifle actions. Guaranteed to remove *tightest barrel*, $25.50. *New* barrel vise. NO MARRING. With four sleeves. Guaranteed, $21.50.**
For details write
W. S. VICKERMAN, *Gunsmith*
208 S. Ruby St. Ellensburg, Wash.

SAECO
TRU-SPEED PRECISION POWDER MEASURE

Acclaimed "Amazingly Uniform"

Unbiased Test Reports show average variation on 3.4 gr. Bullseye .016 gr., on 11 gr. #2400 .028 gr., on 40 gr. #4064 .112 gr.

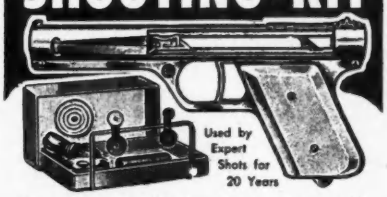
Measuring Drums ground, and hard chrome-plated with ends blued. Bore of Measure honed to 10 to 15 micro-inch finish.

Adjustable Rifle Model	**$12.50**
Adjustable Pistol Model	**12.50**
Extra Drum to combine above	**4.00**
Bench Stand (shown)	**3.25**

Dealer Inquiries Invited

SANTA ANITA ENGINEERING CO.
2435 E. Colorado St., Pasadena 8, Calif.

BACK AGAIN
THE FAMOUS BULLS-EYE
HAVE FUN! BECOME AN EXPERT SHOT!
SURPRISINGLY ACCURATE
INDOOR SHOOTING KIT



You can have lots of fun becoming an expert shot this easy way! New, handsome SHARPSHOOTER model pistol is Automatic size with regulation target sights. Rubber band repeater action shoots inexpensive No. 6 shot with SURPRISING ACCURACY. Hits flies easily. Sturdily made to last for years—not a toy. Recommended by pistol instructors for beginners and experts. Noiseless, harmless! Deluxe Kit includes: Nickel plated Sharpshooter Pistol, colorful spinning Targets, 600 Shot, Loader, 12 special Rubber Bands, Stamp Set to print targets, and instruction sheet. We prefer you purchase from your favorite dealer; if he can't supply you, use convenient coupon below. Money back guarantee.

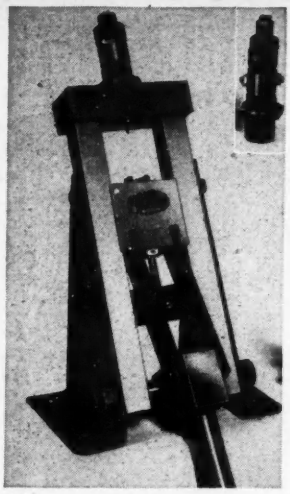
DELUXE KIT
as described above, complete ready to shoot
$5.00

BULLS-EYE MFG. CORP.,
Dept. AR-4, 7533 Fay Ave.,
La Jolla, California
Please send me.....Sharpshooter Deluxe Kit at $5 each postpaid in U. S. Check or Money Order. No C.O.D.'s please. Prompt delivery.
Name.....
Address.....
City.....Zone.....

ANTIQUE MODERN, PISTOLS, RIFLES, EDGED weapons, war relics. State prices. W. H. Tantum, Ovington Road, Morrisville, Penna.

WANT A SINGLE SHOT F.W. FREUND RIFLE or Sharps rifles with Freund patent breech block. M. C. Clark, 169 No. La Peer Drive, Beverly Hills, California.

FRONTIER COLTS, IN GOOD SHAPE, ALSO fancy ones, ivory grips. Robert Abels, 860 Lexington Avenue, New York 21. 1-48



EASTON
LOADING PRESS

Note These Advantages

- COMPLETELY STRAIGHTLINE
- ALL STEEL (no castings)
- EXTREMELY POWERFUL LEVERAGE
- ADJUSTABLE PRIMER SEATER
- FULL FLOATING BULLET SEATER

The press is now finished in beautiful crinkle enamel. We can furnish bullets and primers. Reasonable delivery on all standard and most wildcat calibers. Price Complete for One Caliber $32.50.

For further information see your dealer or write to

A. A. EASTON

225 South State Street — Salt Lake City 1, Utah

MUZZLE GUNS HAVE BIG SEASON AHEAD

More Matches—More Shooters—More Fun

Guns Are Not Plentiful but Good Ones May Still Be Found

JOIN US—READ MUZZLE BLASTS FOR THE NEWS

$2.00—Membership and Publication—$2.00

Sample Copy for 15¢

NATIONAL MUZZLE LOADING RIFLE ASSOCIATION

E. M. Farris, Sec'y. — Portsmouth, Ohio

POLARIZED SINCE 1933

NO RUST IN GUNS for 3 to 4 Years

A gun RIGed for temporary storage here in 1936 and lost for 10 years was found without a spot of rust in 1946. RIG, the original oil-like grease, is time tested—gives complete protection in moist tropical climates and salt sea air. For daily use or storage! Your guns deserve the best—BUY RIG AT YOUR GUN DEALER. (Tubes 25¢, ¼-lb. can 50¢, 1-lb. can $1.50.) Write for FREE "Gun Care Guide."

RIG PRODUCTS COMPANY
Oregon 2, Illinois

INVENTORS

PATENT LAWS ENCOURAGE the development of inventions. The Rules of Practice of the U. S. Patent Office advises—unless an inventor is familiar with such matters—that he employ a competent registered attorney or registered agent, as the value of patents depends largely upon the skillful preparation of the specifications and claims. Write for further particulars as to patent protection and procedure and "Invention Record" form at once. No obligation.

McMorrow, Berman & Davidson

Registered Patent Attorneys

251-B Victor Bldg., Washington 1, D. C.

SPRINGFIELD SPORTERS

In right and left hand actions. Calibers 30/06, 270, 257, and 220 Swift. Mauser rebarreling in above calibers. Scopes and Mounts in stock.

NAVAL COMPANY — Doylestown, Pa.

HI-STANDARD

The new Model H-DM is available in limited quantities. Production will increase as rapidly as material can be obtained. Place order with dealer.

HIGH STANDARD MFG. CORP. 1811 Dixwell Av., New Haven, Conn.

WANTED

MAUSER & SPRINGFIELD ACTIONS

State your price and quantity

FRANK PUGLIESE 2829 S. Broad St. Trenton, New Jersey

ZEISS FEATHERWEIGHT ZIELSECH RIFLE scope, excellent to perfect condition. Describe fully will pay reasonable cash price. Claude G. Kaelin, Buhl, Idaho.

DEALER & COLLECTOR: ILLUSTRATED World-Wide Firearms magazine, $1.00 yearly, postpaid anywhere. Dealer & Collector, Box 71CA, Flushing, New York. tf

MAUSER AND MANNLICHER RIFLES, ACtions, parts. William Depfer, 2004 Oakington Street, Baltimore 11, Maryland.

CASH OR MODERN FIREARMS FOR SINGLE shot and percussion rifles, especially Schuetzen, Long Range and Match specimens; accessories, cartridges, early firearms literature. John Amber, 6806 Dorchester, Chicago.

JEFFRY MAGAZINE RIFLE 30-06 (NO SCOPE) in excellent condition. Describe fully. Price reasonable. C. M. Carson, Dillingham, Alaska.

CLIPS FOR 8 X 50MM. RIMMED CARTRIDGES for Steyr M95 rifle. C. R. Midtlyng, Box 126, Helmville, Montana.

ITALIAN CARCANO CAR.; MEXICAN MAUSER; Polish Mauser, describe fully. Carl M. Lewis, Onaga, Kansas.

SMALL BORE HANDGUNS AND ANTIQUES, all letters answered. A. Thompson, Box 68, Marysville, California.

OLDER S&W'S, .32 AUTO. AMERICAN, AMERIcan with Turkish inscription, Wesson DA Favorite, first model M&P marked US or USN, first model .38 DA with straight cut sideplate, any engraved, gold, silver plated, cased models. Prefer v.g. to perfect. H. L. Remmel, 1622 Center, Little Rock, Arkansas. 12-47

SHARPS - BORCHARDT ACTION, PREFER sporting model; 32-40 nickel plated cases; poor conditioned Colt Frontiers for parts. William Willis, Attica, Indiana. 6-47

MAUSER OR MANNLICHER - SCHOENAUER rifles, calibers, 7 x 64mm. 8 x 60mm. or 9.3 x 62mm. Peter Kobulnicky, R. D. #1, Bulger, Penna. 6-47

WANT TO BUY YOUR OLD DUCK STAMPS, older the better, send to or contact George E. Maxon, Vernon, Texas.

EXCELLENT TO PERFECT 257, 270 OR 7MM. caliber rifle. State price. Robert Ambrose (Member), Rocheport, Missouri.

M1 CARBINE ACTION AND BORE GOOD OR better. E. M. Holt, Wellington, Kansas.

PISTOLS WANTED: UNO ANSCHUTZ RECORD match mod. 210 or 210A, record mod. 200; Luna mod. 300. Stoeger "B". State condition. R. J. Ferguson, 3030 Sheridan Blvd., Lincoln 2, Nebraska. 7-47

WORLD'S FINEST OR RAREST OLD GUNS. IF what I want will pay better than any dealer in the world. Miller Bedford, New London, Ohio. Describe, price. tf

COLT AND REMINGTON PERCUSSION REvolvers poor to fine shape. Robert Abels, 860 Lexington Avenue, New York 21. 1-48

BEST GRADE BRITISH HAMMERLESS SIDElock double barreled shotgun with modern steel barrels and automatic ejectors. Don Hopkins, 806 Old National Bldg., Spokane, Washington. 8-47

PARKER DOUBLE BARREL SHOTGUN, .410 gauge, full and modified choke, in good condition. John T. Pirie, Jr., 13127 Merchandise Mart, Chicago, Illinois. 6-47

.38 SUPER AUTOMATICS, NEW OR EXCELlent condition & quantities of .32, .38 automatic, .44 pistols shells. L. Leonard, 412 W. Harrison St., Harlingen, Texas.

ENGLISH & EUROPEAN GUNMAKERS CATAlogues wanted. State what you have, date of issue, and price wanted. Donald D. Swift, 30 Cornell Road, West Hartford, Connecticut. 8-47

HORNET OR .22 MANNLICHER SCHOENAUER rifle, Mannlicher sporter actions any caliber. Frank Parke, Hailey, Idaho.

S&W .357 MAGNUM, PERFECT, EXAMINATION privilege. Correspondence answered. Edward Padgett, Box 1327, Short Hills, N. J.

G-43 SEMI-AUTOMATIC, MILITARY MAUSERS and Krag rifles as issued, please state condition, price and date of manufacture. Peterson's Gun Shop, Box 174, Sawyer, Michigan.

ENGRAVED THREE BARREL - AT $50.00. Swanky foreign shotgun, rifle. Felix Phillips, 1508 Clover, Amarillo, Texas.

.38 COLT'S SUPERS AND SUPER MATCH AUTOMATICS, .45 Colt's or National Match automatics, Colt's .22-45 conversion units. S&W 2" and Colt's Detective Specials. New .22 automatic rifles. Must all be new or excellent to perfect. John J. Thacker, 1116 Montana St., El Paso, Texas. NRA Life Member.

BROWNING OVER & UNDER, SINGLE TRIGger, automatic ejector, ventilated rib, pigeon, trap or lightning model. L. M. Rhoades, 128 So. Main St., Pueblo, Colorado.

ORIGINAL (7 X 57 RIMMED) GERMAN AMmunition, no handloads. Hardy T. Wooten, Box 161, Williston, Florida.

THREE FIRST CLASS GUNSMITHS WANTED. Write for particulars. Berts Hobby Shop & Sporting Goods, 1823 University Ave., Berkeley, California.

WINCHESTER MODEL 70 HORNET GOOD AS new. Low power scope will be accepted but not necessary. J. M. Riley, 39 West Bridge St., Oswego, New York.

ZEISS 8 X 24 TURITA BINOCULARS. STATE condition and price. Peter Kobulnicky, R. D. #1, Bulger, Penna.

K43 SEMI-AUTOMATIC, OBERNDORF-WAFfenfabrik Mauser .98. Early Winchester 52 priced low. J. DiCresce, 5534 Cooper, Detroit, Michigan.

WANTED FOR CASH — ANTIQUE PISTOLS, rifles, edged weapons, armor, collections or single pieces. Robert Abels. 860 Lexington Ave., New York 21. 1-48

KENTUCKIES WANTED — FINE ORIGINAL Kentucky rifles, Kentucky pistols, early American engraved powder horns, rare arms books and literature. Herman P. Dean, P. O. Box 1240, Huntington, West Virginia. 5-48

RARE PISTOL COLLECTIONS. CASH. DEscribe, price. Life Member. Miller Bedford, New London, Ohio. tf

ONE MAUSER, MAUSER MAGNUM ACTION. Western Gun Exchange, 441 South Greenleaf, Whittier, Calif. 6-47

M1 OR M2 SPRINGFIELD 22, SIGHTS AND stock unimportant. Nick Kroeze, 447 Lakeside, Pompton Lakes, New Jersey.

.38 COLT SUPER AND SUPER MATCH AUTOmatics 22-45 conversion units. Must be new or excellent to perfect. Gus A. Straus, 102 E. San Antonio St., El Paso, Texas. Life Member, Federal License.

WINCHESTER 21-12 GA. 28 OR 30" BARRELS, mod and full or imp. C and imp. mod. double triggers, pistol grip. J. H. Northrop, Princeton, New Jersey.

250-3000 SAVAGE, 30 OR 35 REMINGTON pump, 32 hammerless S&W. M. Hatfield, O'Keeffe, W. Va.

WANTED FOR CASH—COLT SA .38 SPECIAL 5½ over 165,000. Describe. P. Autry, 1126 18th Ave., North, Seattle 2, Washington.

95 MODEL WINCHESTER CARBINE, 30-06 OR 30-40 caliber. Leland Troxel, 602 Flynn Bldg., Des Moines, Iowa.

VARMINT OUTFIT, SWIFT PREFERRED, .250 Savage M.T. Muzzle loaders. Ted Reynolds, Fryeburg, Maine.

KAR-43 GERMAN SEMI-AUTOMATIC RIFLE, very good or better condition. Also interested other German arms. James Winterbottom, 23 Fairway Drive, West Newton, Mass.

WANTED

Springfield floor plate catches, milled followers; Colt arched housings; lots of each. Mauser 98 actions; rifles as issued.

Flaig's MILLVALE, PENNSYLVANIA

ANNOUNCING THE **NEW**

BUEHLER MOUNT!

Yes, NEW . . . to fit all modern scopes and meet the requirements of modern riflemen! A bridge-type mount with positive zero and unusual space between rings for greater rigidity and adjustment for eye relief.

The Buehler mount fits low over rifle, has no projections to catch in scabbard or underbrush . . . easily mounted on rifle . . . scope quickly detached, yet locked at BOTH rings when in place . . . windage adjustment in rear ring. Mount is machined from high grade steel, beautifully finished and blued to match finest rifles. Available for all ⅞" and 1" scopes for Mauser, Springfield and remodelled Enfield rifles. Other models soon. Price, postpaid, only.....

$15.00

BUEHLER SAFETYS for Winchester M54, Mauser and Springfield rifles fit under any scope, positively locks BOTH BOLT AND STRIKER until released. Faster, more convenient, safer. Praised by gunsmiths all over America. Price, postpaid, only $6.

GUNSMITHS! DEALERS! Write for our attractive proposition!

MAYNARD P. BUEHLER

697 VERNON STREET OAKLAND 10, CALIF.

SHELDON

S-56 Precision Lathe

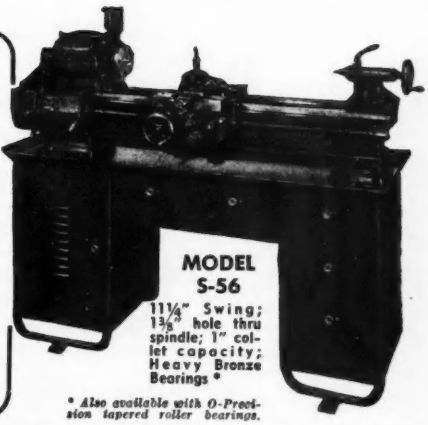
More gunsmiths have selected the "S-56" than any other model of the popular SHELDON Precision Lathes. They like everything about it—its extreme accuracy, extra capacity, 1⅜" hole all the way thru the spindle, the 56" bed that is "just right" for all barrels but the extremely long antiques.

They like the 4-speed enclosed drive, full quick change gears, worm feed apron, modern steel bench with 5 independently locking drawers and moderate price.

If you're considering a lathe be sure to see the S-56 before you buy. As illustrated, without motor, $930 f.o.b. Chicago.

SHELDON MACHINE CO., Inc.

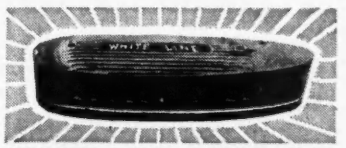
4243 N. Knox Ave. Chicago 41, Ill.



MODEL S-56

11½" Swing; 1⅜" hole thru spindle; 1" collet capacity; Heavy Bronze Bearings *

** Also available with O-Precision tapered roller bearings.*



"WHITE LINE" RECOIL PAD

A scientifically designed recoil absorber. Favored and used by leading shooters everywhere. Definitely improves shooting. 3 sizes, 3 colors. Look for the White Line. *A Mershon guaranteed product.* Ask your dealer or gunsmith. Write for catalog "F".

MERSHON COMPANY, INC.

511 E. Broadway Glendale 5, Calif.

Keep Your Gun SHARP with HOPPE'S No. 9

Keep your gun like new. Maintain accuracy, pep, power and smooth shooting with Hoppe's No. 9—the trustworthy gun cleaner and rust preventative. At your dealer's or send us 10c for trial sample. And for complete gun care data drop us a post card request for our FREE "Gun Cleaning Guide."

FRANK A. HOPPE, INC.

2321 North 8th St., Phila. 33, Pa.

ANNOUNCING

CUSTOM REBARRELING

MAUSERS, ENFIELDS and SPRINGFIELDS rebarreled to .22-250 Varminter, .220 Swift, .257 Roberts, .270 Winchester, .30-'06 and .300 H&H Magnum.

Life Member N.R.A.

THE GUN RACK Menlo Park, Calif.

The New TEC *Mount*

TO BE INTRODUCED SOON/ IT'S WORTH WAITING FOR

★ WRITE FOR LITERATURE

THE **RIFLEMAN'S SHOP**

"Bernt Johnson" • 218-7th ST. at BROADWAY SAN ANTONIO, TEXAS

MASHBURN'S
Q. D. Mount & Superior Trigger
are in demand everywhere by shooters & dealers

QUICK DETACHABLE MOUNT

Sturdy, low, neat. Replaces to absolute zero. No adjustment in mount to change zero when scope is replaced. Made for most rifles and all scopes having windage and elevation adjustments. Sizes ¾", ⅞" and 1". Mount as illustrated, $15.00. Special mount Win. M-70 and 54, installed without drilling receiver, $17.50.

SUPERIOR TRIGGER

Replace that old trigger now with Mashburn's Superior Trigger with a clean, crisp pull. Has no military take-up, no back slap. Adjustable for desired pull and creep. For Mauser, Springfield, Enfield and Remington Model 30 and 720. Price, $15.00.

We are increasing production as rapidly as possible to meet the fast growing demand of these items. See your dealer or write direct:

MASHBURN ARMS CO. 1220 N. Blackwelder St. Oklahoma City 6, Okla.

LITHOGRAPHED
OFFICIAL N.R.A. Targets
RIFLE AND PISTOL

N. R. A. SEAL — SEND FOR — FREE Illustrated Price List

OFFICIAL N.R.A. TARGETS give you the same uniformly accurate scores as the Army insists upon at target practice. In fact, as the name implies, OFFICIAL N.R.A. TARGETS pass the National Rifle Association's accuracy test. Yet these OFFICIAL TARGETS cost no more.

NATIONAL LITHO CO. 1255 25th St., N. W., WASH., D. C.

VARMINT MEDICINE!
JUST THE RIGHT DOSE

220 Swift, 257 Roberts, 270 Win.
Jaeger-Barreled Mauser Sporters.
Fecker "Woodchucker" 4, 5½ and 7X.
Weaver K2.5 and K4, Stock Models;
or with Litschert Varmint Master Obj.

FOR THE FISHERMAN

Mercury Outboard Motors.
Aerocraft Aluminum Boats.
Trades accepted. Time payments arranged.

SIMPSON & FICKINGER

2715 Center St., Ingrom — Pittsburgh 5, Penna.

HEADSPACE GAUGES
CHAMBER REAMERS
RIFLING HEADS—SHELL RESIZERS

For all popular calibers, including .219 Donaldson Wasp. Send for complete catalog, listing all calibers and prices.

H&M TOOL CO. 25608 Pickford Road Detroit 19, Michigan

ADAIR BARREL BLANKS

Available in vais. .22, .25, .27, .30, 6 groove, 1⅛" x 28". Not turned, chambered, or lapped. Finest heat-treated manganese chrome steel. All orders for standard twists filled in 3 to 5 days. Discounts to Gunsmiths.

JAMES D. ADAIR

Route 1, Box 161 — Roseburg, Oregon

NOW AVAILABLE

My own design of speed lock, as on page 59 of January, '47 issue, AMERICAN RIFLEMAN. No welding on gun. Crisp, adjustable pull. Extremely fast —1/5" travel. Complete **$13.50**

RAY HEIDRICH, 307 W. Cocoa St., Compton, Calif.

WILL PAY $40.00 FOR EXCELLENT COLTS S.A. .44 Special or 45, 5½" barrel prefered. Ollie Barney, Rt. #2, Box 544, Tucson, Arizona.

MAUSER 98 RIFLES MILITARY OR COMMERCIAL with or without scopes for liberal cash offer shipped for appraisal to Western Gun Exchange, 441 South Greenleaf, Whittier, Calif. 6-47

.22 LUGER CONVERSION, COMPLETE OR INcomplete, need barrel and receiver assembly. W. C. McCabe, Millsboro, Delaware.

MAUSER ACTIONS OR COMPLETE RIFLES wanted. Model 20 Savage bolt action rifle, state price and condition. I. O. Stone Company, 23540 West 11 Mile Road, R.F.D. #3, Birmingham, Michigan.

SMITH & WESSON STRAIGHT-LINE SINGLE shot .22 target pistol. Earlle's Studio, LaPorte, Indiana.

1895 WINCHESTER RIFLE 30-06 PREFERENCE 24" takedown, good or better. E. J. Stone, 413 Capitol Ave., S. W., Battle Creek, Michigan.

SAVAGE 99EG 250-3000 WITH OPEN SIGHTS, new, or nearly new, give full details & price. E. F. Hartwell, 24 West 71st St., New York 23, N. Y.

A COLLECTION UP TO 1000 PIECES FOR CASH. Must be finest obtainable. Warren Baker, 5106 Liberty Ave., Pittsburgh, Penna.

70-06 PREFER CARBINE, .22 I&J PROTECTOR; .38 S&W breaktop, reasonable. L. A. Wilke, Box 1206, Sweetwater, Texas.

M70 WINCHESTER .22 HORNET WITH OR without scope describe fully. M. T. Deluca, 1530 68th St., Brooklyn, New York.

COLT SINGLE ACTION ANY CONDITION, state price. Ben Rice, 180 Cornell Road, Audubon, New Jersey.

MODEL 70, 54, OR 720, .220, .257, OR .270 caliber, examination privilege C.O.D. Alfred Hovelsrud, 408 So. 60th St., Tacoma, Washington.

WANTED FOR CASH—HI-STANDARD MODEL HE 4½", state price & condition. L. H. Hosford, Jr., 218R South St., Chardon, Ohio.

WOODSMAN, HI-STANDARD, HORNETS, .22 rifles, deer rifles, shotguns, automatic pistols, revolvers. Want most any good gun, but price must be fair, write details, lowest price, if accepted will air mail money. L. T. Gibbs, 716 Kress Bldg., Houston, Texas. Member. Federal License.

20 OR 28 GAUGE M12 WINCHESTER, SKEET preferred, or similar guns. John C. Dalton, 1626 Sumter, Columbia, S. Car.

WINCHESTER HI-WALL; MAGNUM MAUSER rifle or action; double barrel hammer rifle for modern loads; 8mm. Commercial Mauser ammunition. Trade or Cash. Stamp, details. Bob Metcalfe, 1733 No. Alberta, Portland, Oregon.

16 GAUGE DOUBLE, EJECTORS AND TWO triggers. R. P. Haun, Coleman, Texas.

RIFLES, SHOTGUNS, NEW, BROKEN, OR worn out, components, scopes, give description, price. Frank Ora, Lakeport, California.

SAVAGE 250-3000 99R PREFERRED, ALSO high grade 20 double. E. D. Adams, 6310 Clayton Road, St. Louis 17, Missouri.

COLT FRONTIER S.A., .38 SPECIAL, STATE condition and price. Louis Steiner, 1281 So. Venetian, Miami 39, Florida.

HICKS THE MASS. TRADER, WANTS DEER rifles, shotguns, handguns. We have good buys on shotguns. Mauser bolts altered to low position for scopes for $5.00. .45 auto. & 30-06 ammo. to trade for guns. Wakefield, Mass. 15 Mechanic St.

1-1000 GUNS, MODERN OR ANTIQUE. REWARD for information leading to purchase of same. Farmers & Traders Exchange, Chittenango, N. Y.

SCOPES, BINOCULARS SIGHTS & CAMERAS

BINOCULARS CLEANED, REPAIRED AND hard-coated. Alignment corrected to 1/1000 on our special collimator. Send for our leaflet "These Hard-Coating Jobs." Mail your glass for free estimate. Established 1925. Mirakel Repair Co., Mount Vernon, New York. tf

60 POWER TELESCOPE, $2.95. 250 POWER microscope, $2.45. Send for free catalog of telescopes, binoculars and microscopes. Brownscope Company, 24 West 45th Street, New York. 6-47

THE ORIGINAL SIGHT-EXCHANGE, BOX J, Paoli, Penna. Gun sight specialists. Mail us your old sight and tell us what you want. tf

TACKHOLE DOT, THE ORIGINAL ROUND center dot for scope sights. Installed promptly K2.5, K4, 330, 440, $8.00; Alaskan, Texan, New Noske, Zeiss, Hensoldt, $12.50. Bear Cub, $10.00. New scopes already equipped, instant shipment. K2.5 $53.00, K4 $60.50, Alaskan $72.50, Texan $62.50, Bear Cub $60.00. Lyman target scopes. T. K. Lee, P.O. Box 2123, Birmingham 1, Alabama. 9-47

CUSTOM MOUNT RINGS FOR REDFIELD JR. to fit your large scopes. Any diameter from 1.000 to 1.100, any height from 1/16 to 7/16 and special rings for Zeiss or Hensoldt Lightweights, $12.00. A low 26½mm. ring for immediate shipment, $10.00. German mounts removed, scopes cleaned, reblued, $10.00. Reticule and coating service. Schmidt Precision Products, 3347 San Fernando Road, Los Angeles 41, California. tf

PRISM BINOCULARS—FINEST U. S. GOV'T optics. Huge 50mm. coated objectives. Less than half price: 7x50mm. $79.50; 10x50mm. $89.50; 12x50mm. $92.50 plus tax, prepaid. Literature on request. DuMaurier Binocular Mfrs., Dept. 196, Elmira, N. Y. tf

USED BINOCULARS, 10X50 LEITZ COATED optics, case and straps, optically excellent, finish fair, $90.00. 7x50 B&L, case and straps, excellent to perfect, $120.00 tax included prepaid. J. L. Vincent, Sporting Goods, Aud, Missouri.

LEATHER LENS COVERS FOR ANY SCOPE, regular $1.50; Stith mounted $1.75, at your dealer or prepaid by Hicks and Morris, Box 809, Hot Springs, New Mexico. tf

SPECIAL 7X50 ALL LEATHER PRISM BINOCular cases, brand new, will fit most 7x50 or 10x50 prism binoculars, value $15.00. Special price $7.50. Elbow prismatic telescope 8½ power. Cost government $200.00. Brand new, $35.00. Carl Zeiss 7x50 German Military binocular coated lenses, excellent condition, individual focusing $150.00. Tank binocular-prismatic German military type, size 10x80, weight 15 lbs. glasses exceptional fine quality, can be used on boat or any place where they will be made stationary, value $750.00. Price $95.00. Rifle telescopes Weaver 330, brand new, $29.50. Forward money order. No C.O.D. shipments. Public Sport Shops, Dept. R75, 13 So. 16th Street, Philadelphia, Penna.

WANTED—LEITZ FOCOMAT 11A ENLARGER for 2¼x3¼ negatives. Must be exactly as new. Will pay top price. Write or wire M. A. Hogan, 201 So. Main St., Ann Arbor, Michigan.

BINOCULARS, BRAND NEW COATED OPTICS, B&L, 7x35 Zephyr-Light $168.00. B&L 7x50 $178.40. 8x40 $152.00. Universal 6x30 $90.00 complete with case and straps, tax included, prepaid. J. L. Vincent, Sporting Goods, Aud, Missouri.

LATEST 20X ARGUS SUPER-GRADE SPOTTING scope, coated, perfect, $55.00. Money order. P. R. Collmer, Prospect, Ohio.

FOR SALE—GERMAN SCOPES: ZEISS ZIELvier 4x Featherweight perfect, $125.00; Zeiss Zielsechs 6x perfect, $125.00; Hensoldt Ziel Dialyt 4x perfect, $70.00; Hensoldt Ziel Dialyt 2¾x near perfect $60.00; Ajack 4x90 perfect, $95.00; Oigee Luxor-Hell Crossline perfect $77.50; Rudiger 4x81 Cross Line perfect $75.00; Karl Kahles Wien Heliavier 4x Cross Line perfect $65.00; many others. All Commercial Models. No mounts. No trades. Marion L. Houston, 27 Country Gardens, Mattoon, Illinois.

BAUSCH & LOMB, U. S. GOVERNMENT 6X30 prism binoculars, individual focusing, excellent condition, with leather case, $35.00. Sportsmen's Supplies, 250 West Bayberry Lane, Upper Darby, Penna.

USED WEAVER SCOPES K2.5 $30.00, K4 $35.00. Excellent to new condition. New Texan scopes, $40.00. Mounts for all rifles. Gerald McNutt, 389 Champion, Battle Creek, Michigan.

BUSCHING OPTICAL CO. BINOCULARS, TELEscopes, repaired, collimated, sealed. Rt. #7, Box 154, Olympia, Washington. 11-47

NEW SCOPES, COATED K2.5 $38.50. K4 $44.00 prepaid. B. Grossman, 230 E. Market, Wilkes-Barre, Penna.

New Hi-Stan. H-D Military 22 Cal. Pistol, 6¾ or 4½-inch. Heavy Barrel, Walnut Grips (Extra Clip $1.50)	$51.17
With Thumb Rest Grips	56.17
Colt's Police Positive 38 Cal. Rev.	53.00
S & W 38 Special M & P Revolver	56.50
Ithaca 12, 16, 20 Ga. F.W. Repeater	78.50
New Winchester M-42—410 Ga.	67.50
Win. M. 64 Deer Rifle, 32 Spec.	97.65
Win. M. 71 Solid Frame, Cal. 348	85.15
Win. M. 92 30-30 32 S. Carbine	56.50
22 Cal. L. R. Match Ammo., per m.	11.88

Win. M. 75-52-61-62-67-69-72—"FREE LIST"
ADRIEN J. GRENIER, North Grosvenordale, Conn.

Rugged and Economical

JUNIOR Scope Mount

Made for practical shooters who want accuracy plus rugged durability under field conditions. Keeps scope adjusted even when rifle is carried in saddle scabbard. Diagram at right shows quick detachable and adjusting features exclusive with REDFIELD. Ask your dealer to show you this mount — along with famous Redfield precision made iron sights. *Send for folder.*

LEFT HAND WINDAGE SCREW REMAINS FIXED SO SCOPE RETURNS TO ZERO
DETAIL OF ROTARY DOVETAIL
ONLY RIGHT HAND WINDAGE SCREW REMOVED FOR DETACHING SCOPE

REDFIELD GUNSIGHT COMPANY
3313 GILPIN STREET, DENVER, COLORADO

THE RIGHT ANGLE SCOPE STAND **$16.50**

★ Scope Near—Your Arm Clear ★ Spot from Aiming Position ★ Lightest of All—29 Oz. ★ Folds the Smallest ★ Best—Nov. '46 "Dope Bag" ★ Chrome Plate & Crackle Finish ★ Lightning Fast On-and-Off Neoprene Scope Mounting ★ Only Right-Angle Stand Taking Ext. Rods for 4 Positions.

HARRY POPE .22 CAL. TOOL-STEEL CLEARING RODS IN BRASS PROTECTIVE CASE, WITH THREADED END CAPS; 40" $2.50; 12" $2.

SAM TEKULSKY 176 West 87th St., New York 24, N. Y.

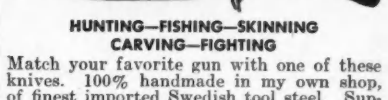
THIS PATENT FOR SALE

Makes *any* right-handed rifle a left-handed rifle in one minute; any left-handed rifle a right-handed rifle in one minute! Enables a left-hander to become just as good a rapid-fire shooter as any right-hander. Will bring thousands of shooters into the clubs who cannot at present compete with right-handers. Highly recommended by gun editors and well-known champion shooters. Fully patented. Write for complete description and photographs.

HERBERT E. WALES 324 Pacific Ave. Bremerton, Wash.

The Sportsman's Choice "RANDALL MADE" KNIVES

The Finest You Can Buy



HUNTING—FISHING—SKINNING CARVING—FIGHTING

Match your favorite gun with one of these knives. 100% handmade in my own shop, of finest imported Swedish tool steel. Supplied with Heiser sheaths. Higher priced because they are highest quality obtainable.

W. D. Randall, Jr., Box 1988-R, Orlando, Florida

Send 3¢ for descriptive circular . . . 10¢ for Knife Manual . . . 35¢ for Knife Fighting Booklet.

CUSTOM LOADING SERVICE

All wildcats, German and Jap cartridges. Case forming specialist. All weights and diameters .22 bullets.

J. W. McPHILLIPS 285 Mastick San Bruno, Calif.

BENNETT GUN WORKS

Custom Barrel Work. Bolts Altered; Special Dies; Powder; Scopes; Sights.
Established 1928. Life Member.
517 Delaware Ave. Delmar, N. Y.
(Near Albany)

UNERTL TELESCOPES

TARGET and SPOTTING
BIG or SMALL GAME HUNTING

We manufacture a large variety of precision telescopes for every purpose, in all price ranges. Our modern facilities, capable technicians and skilled craftsmen will help you to better your scores.

The order list is long, so plan ahead; ***don't*** wait until "needed for next match" or "the season will open next week."

See your dealer or drop us a line—if you are interested in top quality and top performance.

JOHN UNERTL OPTICAL CO. 3551–55 East St. Pittsburgh 14, Pa.

NEW SAFETY *LOCKS BOLT*

"ON"

"OFF"

—for low-mounted scopes on Winchester M-54, Springfield, and Mauser rifles, postpaid. **$6.00**

Install it yourself—merely remove old safety and insert the new. If preferred, send bolt only to us—installation free.

Machined steel, hardened against wear; blued. A beautifully made product matching the lines and finish of the finest rifles.

Immediate delivery; unconditionally guaranteed. Patents pending. Ask your dealer, or order direct.

See our advertisement on Mounts—Page 81.

Bolts altered, $7.50

M. P. BUEHLER

697 Vernon St., Dept. A Oakland 10, Calif.

GOOD BOOKS for the SHOOTER

Firearms in American History, Sawyer	$5.00
Firearms of the Confederacy, Fuller-Steuart	12.50
Gunnerman's Gold, Bigelow	7.50
Hand Cannon to Automatic, Logan	5.00
Pistol and Revolver Shooting, Roper	2.49
Smith and Wesson Hand Guns, McHenry-Roper	7.50
Commonsense Shotgun Shooting, Etchen	6.00
Gun Care and Repair, Chapel	3.75
The Ducks Came Back, Farrington	5.00

SHOOTERS' GOODS

Brass Cleaning Rods, jointed, all cals.	$1.50
Shotgun brushes, bronze or bristle	.35
Rifle brushes, brass or bristle, .22 to .45	.15
Hoppe's Nitro Solvent, #9, 2 oz.	.35
Hoppe's Gun Oil, 3 oz.	.30
Hoppe's Gun Cleaning Packs	1.00
U. S. Barrel Blue	1.25
Nimrod Gun Stock Finisher	.75

NEW FRANZITE GRIPS

Plastic, in six colors: Ivory, pearl, walnut, onyx, petrified wood, and black. Orders accepted.

HD-Mil. High Standard	$8.00
P-38 Walther 9 m/m DA	4.50
.32 Mauser Double Action	3.50
.32 Walther PP Double Action	3.50
P-35 Radom 9 m/m	3.50
9 m/m Belg. or Can. Brng., Mi935	3.50
.32 & .380 Sauer DA, Model 38	3.50

30 days' delivery on above. Remit with order.

C-45, Colt .38 Super, .45 Auto, .22 Ace	3.00
C-WD, Colt Woodsman (standard size)	3.00
SA, Colt Single Action Army	3.00
BIS, Colt Bisley	3.50
NS, Colt New Service and Mi917	3.00
MPSe, S&W M & P, with square grips	3.00
HD, .38/44 HD, Outdoorsman, Mi917, etc.	3.50

Will quote on target and fancy models

LINWOOD SPORTS CO.

P. O. Box 377 Linwood, Mass.

SUPER STOCK FINISH AND FILLER

The original speedy oil type finish. Don't take a chance on a substitute. Better protection, tougher, more beautiful than ordinary linseed. Less than half the time. Enough for several stocks, $2.00 postpaid. See your dealer or order direct.

Discount to dealers.
Large quantities for gun shops.

MASHBURN ARMS CO.

1220 N. Blackwelder St., Okla. City 6, Okla.

Cramer Bullet Mould Company

Manufacturer of

BULLET MOULDS
2-3-5-10 CAVITIES
SPECIAL CHERRIES
Heavy Duty Lead Dippers
Cramer Pressure Lead Dipper

Send Stamp for Descriptive Literature

11625 Van Owen St. North Hollywood, Calif.

• SCOPES AND GUNS •

New & Used—Sold & Traded

FECKER, LYMAN, UNERTL, WEAVER, ARGUS and Others. Hunting and Target models. Mounts and accessories. "37's" in stock, also match ammo. Write your wants. List free.

THE PENNA. GUN TRADER
HERSHEY, PENNA.

EADS SCOPE SAFETIES

Springfield, Mauser & Win. 54 LOCK BOLT DOWN, Natural Position, Easy Thumb Action, Faster, Safer, Quality. Order direct or through your dealer. Price $5.00

EADS MFG. CO.
Triggers, Gunsmithing, Bluing
4122 Decatur St. Denver, Colo.

BINOCULAR TRADING POST. LATEST models (coated): All B&L currently available; Sard 7x50 $162.00; Universal 6x30 $85.00, all plus tax. Argus Super-Grade Spotting Scope 20x55 $74.50, carrying case $15.00, Argus tripod $8.50, all net. Also prism binoculars reconditioned and guaranteed by us $25.00 up. Liberal trade-in allowance. Send for list and booklet "The Use & Care of Binoculars." Mirakel Repair Co., Mount Vernon, N. Y. tf

BINOCULARS, FIELD GLASSES, REPAIRED, hard-coated, accurately aligned by collimator. Prompt service. Mail instrument for free estimate. Binoculars bought, sold, traded. New cases available. Rochelle Optical Company, 28 Cliff Street, New Rochelle, N. Y. tf

BINOCULARS—CARL ZEISS, JAENA, DELACtis I.F. 8x40, excellent condition $195.00. S. S. Kirk, Box 101, Coalinga, California.

BINOCULAR CASES, NEW: FOR 7X50 AND 10x50, marked B&L $7.50. Kodak style finest quality leather for most 6x and 8x, $5.50. Also box or kodak style made to order. Mirakel Repair Co., Mount Vernon, N. Y. tf

ZEISS SUPER IKONTA "C" WITH ER CASE and Albada finder; lady-used condition; $125.00. R. P. Haun, Coleman, Texas.

LITSCHERT EAGLE SCOPE 8X TACKHOLE Lee Dot, excellent to perfect, $100.00. R. R. Duncan, 1110 Belvidere Drive, Nashville, Tennessee.

HENSOLDT 4X DIALYTAN, NEW, PERFECT, $75.00. Hensoldt 16x50 roof prism monocular, new, perfect, $75.00. J. Schilling, 2201 Bryant Ave., Baltimore, Maryland.

EXCELLENT 2½X3½ MINIATURE SPEED graphic 4.5 lens, range finder, filters, flash gun, case, $175.00. New, perfect 2½x3½ speed graphic, 4.5 coated lens, range finder, $175.00. Robert Soder, McAlisterville, Penna.

TARGET SCOPES COMPLETE WITH MOUNTS and bases; Unertl 1½"x20 $90.00. 1¼" 12 to 14x $78.00. 1" by 10x $58.00. Small Game $41.00, also a few Fecker 1⅛" and 1½" scopes. Driver Shooters' Supply, 1152 Valencia Street, San Francisco, Calif.

10X80 GERMAN PRISMATIC BINOCULARS, 45° eyepieces, filters, excellent in, v.g. out, $115.00 prepaid. Argus 20x55 spotter, coated, perfect, $60.00. Keim Sporting Goods Co., Fredericksburg, Ohio.

ZEISS SUPER IKONTA B, SINGLE WINDOW, ER case and Albada finder, excellent $205.00. R. P. Haun, Coleman, Texas.

NEW SCOPE SIGHTS: FECKER 1⅛" $70.00; ¼" $52.00; Unertl 1½" $90.00; 1¼" $58.00; ¼" $40.00; Lyman Alaskan $60.00. New spotting scopes: Argus $74.50, Unertl right angle $96.00; Mossberg Spotshot and stand $32.25. Wahl, Bogota, N. J.

B&L 7X50 COATED VERY GOOD $125.00. ART Omberg, 244 Lake St., Eau Claire, Wisconsin.

SCOPES, K2.5, K4, UNERTL, ARGUS, MOUNTS, stands, postpaid. Write for price list. Clyde Speight, Dunbar, Penna.

REVERE 8MM. TURRET CAMERA $110.00 NEW. Projector Revere 8mm. $120.00 new. Trade for shotguns, rifles. Lytle's Sporting Goods, 103 West Main, Enid, Oklahoma.

CARL ZEISS JENA 6X24 COATED LENS, VG. case, $85.00. J. Frankovich, 1105 Monroe Avenue, McKeesport, Penna.

NEW ARGUS SUPER SCOPE; ARGUS STAND; Freeland sheepskin case; all perfect, $60.00. G. C. Carrington, Haverford College, Haverford, Penna.

HENSOLDT 10X50 ROOF PRISMS, I.F. CASE, excellent $100.00. Zeiss 4X Zielvier excellent $68.00. Zeiss 6x18 Telita pocket binoculars, v.g. $67.00. K. T. Hansen, 8-C Pacific Drive, Winfield Park, Linden, N. J.

GWZF4 SCOPES, NEW $20.00 EACH. REFER page 13 April issue. H. C. White, 17 Riley, Greenfield, Ind.

UNERTL 8X TELESCOPE EXCELLENT $50.00. Leica G Summar 50mm. excellent $225.00. Leica IIIC Summar 50mm. excellent $300.00. John Fritchey, 713 Second, Harrisburg, Penna.

» GUNSMITHING «

AND REPAIRING

Converting service rifles to sporters our specialty. Rebarreling, chambering, bluing, chrome and nickel plating. Repairing. All work fully guaranteed.

POLLEY BROS.

2714 Greenville Ave., Dallas 6, Tex.

TELESCOPE BARGAINS: M76 TANK TELEscopes Gov't cost $345.00. 3X focusing type, coated optics, field 21°-30' eyepiece 65° apparent field, v.g. $15.00. Perfect $20.00. M38 telescopes Gov't cost $50.00. Fixed focus, 1.44x field view 9° center dot reticule. Mounting supports, v.g. $3.50. 2" telescope: 8X Warner Swasey, leather case, stand, v.g. $58.50. Engravers tools, new, hard steel tempered, 3½" overall, wood handle, 25¢ each. All shipments postpaid. Forward money order. No checks or C.O.D. Whitings Gun Shop, Three Bridges, N. J. Life Member.

TELESCOPES IN STOCK, PRICED COMPLETE. Unertl 1" $58.00. 1¼" $78.00. 1½" $90.00. Small Game $40.00. Fecker 1⅛" $70.00. 1½" $90.00. 1⅝" $98.50. J. L. Vincent, Sporting Goods, Aud, Missouri.

BINOCULAR BARGAINS: 7X50 KENT-JAP 7X50-6x30 Westinghouse—6x24 French—all with cases, your choice, $49.50 pair, perfect scopes. Fecker 1½ Super 8x coated $85.00; Targetspot 20X, Lee Dot $95.00. New Weavers at list. Perfect 52's, 75's, new 70's, 94's, 81's 513S. Sports Center Inc., 215 Broadway, Paducah, Kentucky.

GUNSMITH'S SERVICES & SUPPLIES

MODERN ARMS PROMPTLY AND SKILLFULLY repaired. Fine stocking and checkering. Moderate prices. Send work express prepaid. Kimball Arms Company, Woburn, Mass. tf

GENERAL GUNSMITHING: REBARRELING, restocking, rebluing, bolt and action alterations. Gold, silver, chromium plating. Parts made for foreign & obsolete guns. Scaramuzzo, 601 South Halsted, Chicago 7. tf

JOHNSON BARRELS FOR GUNSMITHS: (1) Blanks only—will finish to 24" long-machined only, not chambered or threaded, bore finished in calibers .22, .25, .27 and .30, suitable for all loads in these calibers, $20.00 each. (2) Same as (1) above but rough chambered i.e. chambers held back ¼" from final depth, calibers .257, .270, .30-06, $25.00 each. (3) Same as (1) above, but finished, chambered and threaded for Mauser, Enfield, or Springfield actions calibers .257, .270, .30-06 (in ordering, action should be sent to our plant to insure proper thread fit), $30.00 each. (4) Same as (3) above, with outside finished to Johnson Target Sporter specifications, 24" long, weight 2½ lbs., calibers .257, .270, 30-06, $35.00 each. (5) Same as (3) above, with outside finished to Johnson Featherweight sporter specifications, 22" long, weight 1¾ lbs., calibers .257, .270, 30-06, $35.00 each. All the foregoing are *new* barrels manufactured since the war, and suitable for conversions of military rifles to sporters. Dealer's Discount of 25% applies on above listed items. Johnson Automatics, Providence 1, Rhode Island. tf

SEND US YOUR GUNS FOR EXCELLENT BLUing. Prompt service. Pistols $5.00, revolvers $6.00, rifles-shotguns, $7.50. Military conversion starting at $18.50 on Enfield, Springfield, Mauser Krag. Bob Sands, 211 Montrose Avenue, Syracuse 4, New York. tf

BIRDS EYE AND CURLY MAPLE, EXTRA fancy Oregon Myrtle. Ebony blocks for fore-end tips. Special inletting service to gunsmiths. D. W. Thomas, Box 184, Vineland, N. J.

WALNUT RIFLE STOCKS, SHAPED, SANDED, not inletted $5.00, also recoil pads mounted on any gun. J. Szczepanik, Englishtown, N. J. tf

BEAUTIFUL TARGET AND SPORTING RIFLES for those wanting the best in quality and accuracy. All popular calibers including Magnums for big game hunters, built to exacting specifications and individual order by master gunsmiths. We do custom work only, no short order or piecemeal work accepted. Send stamped envelope for full details. Ben's Gun Shop, Port Matilda, Penna. tf

DEALER & COLLECTOR: ILLUSTRATED World-Wide Firearms magazine. $1.00 yearly, postpaid anywhere. Dealer & Collector, Box 71CA, Flushing, New York. tf

7.7 JAP RIFLES RECHAMBERED FOR 30-06, $10.00. Good rifles only. Use 150 gr. O.P. 180 Silvertip in magazine, any in barrel. Tested. Albert M. Romberger, Cressona, Penna.

BUCKLIN CUSTOM
RESTOCKING QUALITY RESTOCKING OF ALL FIREARMS
Custom & Standard Grades
CONVERSIONS USING DuMOND PRECISION 8-GROOVE
Barrels in calibers: .250/3000; .256; .257; .270; 30/06; 7MM; .35 Whelen; .300 H & H
KEN BUCKLIN, 87 N. Elm St., Monchester, Conn.

Blackinton "Specials" Make Friends

There comes a time in every club secretary's term of office when there is need for something special for an award, or a group of awards.

Consult your Blackinton catalog in this emergency and you will find the Blackinton Club Service already on the job. In the jewelry field there are trophy belt buckles, tie clasps, and charms. In wood there are beautifully finished cigarette boxes, desk clocks, and tie racks.

Blackinton leads in shooting trophies!

OUR FACTORY WILL BE CLOSED FOR EMPLOYEES' ANNUAL VACATION FROM JUNE 27 TO JULY 7. PLEASE ANTICIPATE YOUR REQUIREMENTS IN ADVANCE.

V. H. BLACKINTON & CO., INC.
ATTLEBORO FALLS MASSACHUSETTS

PRIMERS

WESTERN #209, Shotgun, per thousand	$5.25
per case of 5,000	18.00
LARGE RIFLE PRIMERS: Winchester #120, #115; Remington #9½, #8½; Western #8½. Also Winchester 116, 108; Remington 6½, 1½, 2½; Western 6½, 1½, 7 (plentiful supply, $1.00 packing charge on orders totaling less than 2,000), PER THOUSAND	6.00

ALL PRIMERS FRESH STOCK, N.M.-N.C.

SHOTGUN STOCKS

Brand-new stocks for Winchester Model 12 and Model 97 Repeating Shotguns, completely finished, standard pistol grip, inletted for sling swivel, with fitted butt plate, all ready to drop into place, usual Winchester quality and appearance, 12 gauge only, state model, each..... $5.75
BARRELS, Win. 97, 12x30, full, solid frame only 10.50
MAGAZINE TUBES, Mod. 97 and Mod. 12, each.. 3.00

TELESCOPES

Lyman Alaskan, All Weather, choice of 7 reticules	$60.00
Weaver K2.5, Post or Crosshair	37.50
Weaver K4, Post or Crosshair	45.00
Weaver 440-S, Post or Crosshair	29.50
Argus Spotting Scopes, Super Grade, 20X, 55mm	74.50
Freeland Deluxe Offset Stand	8.50
SPORTSCOPE 9x50 Monocular, with case	77.00
UNERTL, 1½", 16X, with mounts & bases	90.00
SUPER TARGETSPOT, 20X, with mounts & bases	90.00

All above scopes latest type with coated lenses

SIGHTS & MOUNTS

Redfield Jr., for most rifles	$10.75, $12.75, $14.75
Stith Install-it-Yourself, 70 or 99, all scopes, std.	15.00
Q. E. D., M70 only, with leather lens caps	17.50
Redfield 70-H Receiver Sights to fit most rifles	8.50
Redfield 102 Receiver Sights to fit most rifles	5.75
Redfield Ramp Front Sights, with hood, 26" Enf.	8.50
Lyman 48 Sights, to fit most rifles	12.50
Lyman 77 and 77H, with base and inserts	5.00
Redfield Safeties, Mauser Only	5.75

HANDGUNS

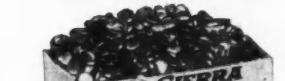
High Standard, HDM, 4½" or 6¾"	$51.17
H&R Double Action Sportsman, Model 999	47.95
Smith & Wesson, 4" M&P, Magna Grips, 38 Spl.	56.50

(Send permit to purchase if required.)

ROBERT K. HAELIG
Retail *Wholesale*
BOUND BROOK, NEW JERSEY
All items except primers postpaid. No C.O.D.'s Please.
GUNSMITH'S & DEALER'S INQUIRIES INVITED

SIERRA RAMPS

Manufactured for
SPRINGFIELD ENFIELD & MAUSER
$2.25 Each Postpaid
GAS CHECKS



8mm, .32, .30, .270
.25, .22 Caliber
Precision Made of Finest Copper
Unlimited Quantities Available
$1.75 Per 1000 Postpaid

Liberal Discount To Dealers
If your dealer cannot supply you send his name.

Harris Machine Co.
312 East Bermudez
Rivera, California

SMALL-BORE SHOOTERS
Install the famous Thomas Trigger Mechanism on your 52 Winchester or your 37 Remington Rangemaster.
Improve your scores as many others have done in the past.
Price $20.40
L. G. THOMAS 132 E. Robinson Shreveport, La.

KESS ARMS CO.
1004 W. Center St. Milwaukee 6, Wis.
Manufacturers of GUNMAKERS brand Shooters Supplies
improved Bluing Salts—Bluing Tanks
GUNSMITHING—GUN BLUING
All work guaranteed
Send address for catalog

"Trader Max" says

Write Today
For Your Copy!

"SHOOTIN-GALLERY"

(Off press about June 1st)

Guns! 'Scopes! Binoculars!

Send Name and Address on
Post Card Today!
(Free! No Stamp)

U. S. NAVY 6 x 30 BINOCULARS

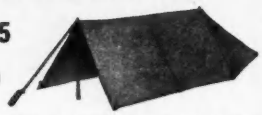
WOLLENSAK
COATED LENS

- LIGHTWEIGHT
- LEATHER CASE & STRAPS . . $55

BRAND-NEW! + TAX

U. S. ARMY PUP TENTS
COMPLETE WITH POLES

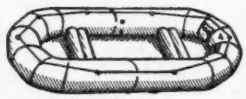
$4.95 Prepaid



Consists of two shelter halves, wartime used but Gov't. cleaned, and two collapsible poles.

U.S. Air Corps RUBBER BOAT

$18.95 Prepaid



- Will accommodate 1 or 2 persons
- Complete with CO_2 cylinder, patch kit, sea anchor and case
- Folds to 15 x 15 x 4, inflates to 44 x 66

"It's Easy to Trade with Us"

Winchester #12—12, 16 & 20 Gauge..	$78.50
Ithaca #37—12, 16 or 20 Gauge.....	78.50
Marlin #80 DL, 22 clip repeater.....	20.05
Marlin #81 DL, 22 tubular repeater..	25.55
Marlin #36R, 30/30 Carbine.....	55.60
Marlin #36A, 30/30 Rifle, 24 inch....	65.50
Marlin #36A, 30/30 De luxe Rifle....	80.25
H&R Sportsman 22, w/holster.....	44.95
S&W, M&P 38 Special, 2, 4 and 5 inch	56.50
Colt Woodsman 22, Target Model, 6½"	60.00
Colt Woodsman 22, Sport Model, 4½".	55.00
Colt Official Police, 38 Spl.....	58.00
B&L Ray-Ban Skeet Glasses.....	9.75
Unertl 8x—1", w/bases.....	58.00
Line-O-Sight, with case	3.85
Mossberg Spotshot, 20 power.....	22.30
12 Gauge-Max. load, 2 to 7½ (500)..	40.00
16 Gauge-Max. load—$38.50, 20 Ga...	35.00

All above prepaid except ammo.

Finks
"Famous for Sports"
WILLIAMSPORT, PA.

FANCY STOCKS, CHECKERING EXPERT BLUing, rebarreling in. 22-250 and most calibers at $37.00 includes bluing, scopes mounted free if I furnish scope and mount. Bishop stocks completely finished $28.00. Send for folder. Mesicks Gun Shop, Rt. #1, Dundee, Illinois. tf

BOOKS FOR THE ADVANCED OR BEGINNING gunsmith: Elementary Gunsmithing by Frazer, $2.00. Advanced Gunsmithing by Vickery, $4.00. Modern Gunsmithing by Baker, $4.50. The Modern Gunsmith by Howe, $15.00. Firearms Bluing by Angier, $2.50. Gopher Shooters Supply, Faribault, Minn. tf

GUNSMITHING, REMODELING, REBLUING. J. A. Bibey, 122 So. Lincoln, Roseville, Calif. tf

CHAMBERING REAMERS, VISES, DIES, Wright ramps, other supplies. List. Wright's Gun and Tool Shop, Bloomsburg, Penna. tf

CHECKERING TOOLS, HANDMADE BY CHECKering expert. Set of three-checker, border and cleaner; also directions, complete $2.75 postpaid. Warner Products Co., Baldwinsville, N. Y. tf

MILITARY CONVERSIONS

MAUSERS—to 30/06 or 300 Sav. $25.00. To 22/250, 257, 257 imp., 220 Swift, 220 imp., 250/3000, 270 Win., $45.00. (Including complete rebluing of your gun but no sights.)

SPRINGFIELDS & ENFIELDS $2.00 additional.

Send for folder on Mauser & Enfield Conversions.

RESTOCKING

$35.00 & up.—Bolts alt. for scopes $8.50. Ramp sights $6.50 installed.

We carry Weaver scopes, Litschert and Edwards attachments and most scope mounts.

GUNSMITHS! Send for our special offer on 30/06 and 300 Savage rebarreling.

Armsco George Pearsall — Gunsmith
514 North State St., Chicago 10, Illinois

PAUL MACK GUNMAKER—MAKER OF FINE custom made stocks & Beavertail forearms to your dems. Telescope mounted, fine artistic checkering, general repair on all type of guns. Muzzle loaders repairs, parts, made for any make of gun, 30 years in business. 50945 Ann Arbor Road, U. S. 12, Plymouth, Michigan. Tel. Plymouth 853W12. 8-47

MUZZLE CROWNING BRASS BALLS, STEEL shank, sizes 5/16, 11/32, 7/16, ½, 5/8, 75¢ each; set of five $2.75 postpaid. Ray Tiffany, 5723 Alameda Blvd., El Paso, Texas. tf

A NEW STOCK FINISHED BY BISHOP CONsisting of one container for filling grain and one container of the finest oil finish, $1.10 per set postpaid. E. C. Bishop & Son, Warsaw, Missouri. tf

GUNSMITH SERVICE: LET US REBARREL your military actions with a Buhmiller, chrome moly barrel in the following calibers: 30-06, .270 Winchester, .257 Roberts, or .22-250. Neat bolt alterations King-Pike and Redfield Jr. mounts Alaskan and Weaver scopes. Rebluing. Medford Gun Shop, 1517 North Riverside, Medford, Oregon. 6-47

If Your Local Gunsmith Doesn't

WE DO

Expert Re-finishing—Bluing

Our staff of expert metal polishers and bluers are equipped to re-finish that favorite shootin' iron of yours (rifle or shotgun) to better than new external condition for $7.50. (10-day service.)

Re-casehardening Colt single action frames, shotgun frames, $2.50 extra.

BOB BROWNELL, Montezuma, Ia.
(Special discount to dealers on quantity lots)

OREGON'S CUSTOM GUNSMITHS—MILITARY conversions a specialty. All gun maintenance. Sportsmen's needs. Free estimates upon request. Rogue Sportsmen, Eagle Point, Oregon. tf

ARTISTIC ENGRAVINGS ON FINE GUNS: Game scenes in relief; gold inlay; scroll work, etc. Folder on request. A. Griebel, 4724 No. Keystone Ave., Chicago 30, Illinois. 7-47

YOUR 99 SAVAGE ALTERED TO .300 CALIBER, bluing, rebarreling. Bayer's Gun Shop, Walla Walla, Wash. tf

THE GUN RACK: REBLUING SPECIALISTS. Mausers, Enfields, and Springfields rebarreled to .22-250, .220 Swift, .257 Roberts, .270 Winchester .30-06, military conversions, work guaranteed. Menlo Park, California. Life Member N.R.A. tf

PLAIN GUNSMITHING, REVOLVER AND RIFLE conversions and rebarreling. Bolt handles reset low. Pop Eimer, Joplin, Missouri. tf

MILITARY TO SPORTER CONVERSIONS, GENeral gunsmithing and custom bluing. Write for prices. Clayton's Gun Shop, 1327 Main, Joplin, Missouri. 7-47

STAR BLUING SALTS — OUR PERFECTED product by America's original bluing firm. Single tank foolproof (use kitchen stove). Use indefinitely. Pistol size $2.95; shotgun $4.95; gunsmiths $11.95; Finishing oil, $1.45. Tanks $3.95–$4.95. Precleaner $1.45. Derustant $2.95. Finest bluing, nickel, silver, gold plating. Gun Rebiu, Fletcher 2, No. Car. tf

SCHMIDT'S ADJUSTABLE INLETTING RASP, large and small cutting heads, $3.50. Hi-Tensile Striker Spring for speedlock on Enfield, Springfield and Mauser $1.00. Immediate shipment, quantity discount, satisfaction guaranteed. Schmidt Precision Products, 3347 San Fernando Road, Los Angeles 41, California. tf

MILITARY RIFLES REBUILT TO SPORTERS, restocking, scopes and iron sights furnished and installed. Bolts bent and low safeties installed. Expert rebluing and wood refinished, recoil pads furnished and installed. Fast service. You must be satisfied. M. O. Dodge, 717 Fremont, Las Vegas, Nevada.

JAEGER SPORTERS

REBARRELING—CONVERSIONS
SCOPES & MOUNTS

PAUL JAEGER JENKINTOWN, PA.

ENFIELDS REMODELED AS SPORTERS OR target rifles, $35.00. Write for full particulars. Enfield Specialists, 4 Elizabeth St., Troy, N. Y.

CUSTOM FEATHERWEIGHT AND VARMINT rifles on short actions, built to order. Rebarreling any caliber. America's finest barrel vise and wrench no barrel too tight for it. Stamp for circulars. Crowe Custom Guns, Box 89, Gardena, California.

CHAMBERING REAMERS: NEW COMPLETE set of .270 Ackley Magnum incl. Rougher, sizer, finisher and throater $35.00. Driver Shooter's Supplies, 1152 Valencia, San Francisco.

BARREL FITTING TO MAUSERS, SPRINGfields and Enfields in calibers .22-250, .220 Swift 250-3000, .257, .270, 7mm. and 30-06. Chambered for highest accuracy and best mechanical functioning, based on the proper tools, machinery, gauges, and over ten years in using them. Price $32.50 for sporters, and $35.00 for target wt, properly fitted, test fired, polished ready to blue, no sights, can furnish some select Mauser actions fitted with above barrels, price $65.00, no stock, no sights. Same thing on 1903 high number Springfield action at $73.00. Take Mauser and Springfield actions in trade or cash at $25.00 each if acceptable. Will pay $35.00 each for G-33-40 Paratroop Mauser actions if acceptable. Fifteen percent discount to gunsmiths on two or more barrel jobs. Express address, Nitro, West Virginia. Postal address, G. R. Douglas, Rt. #3, Box 297-A, Charleston, West Virginia.

CUSTOM GUNSMITHING—VARMINT RIFLES—military conversions—target stocks a specialty—scope sights supplied and mounted. Herb Steinberger, Experimental Gun and Instrument Co., 150-47 87th Road, Jamaica 2, New York.

NEW CUSTOM 30-06 MAUSERS, RAMP FRONT, peep rear beautiful, cheekpiece stock, $69.00. Other calibers $79.00. Rebuilt your action, any caliber beautiful sporter complete $50.00. Baltimore Gun Works, 2004 Oakington St., Baltimore 11, Maryland.

CUSTOM REBARRELING USING BUHMILLER barrels. Bluing, scopes, sights mounted. Enfield speedlock $6.50. Ears ground off $5.00. Lewis Gun Shop, 814 Main St., Towanda, Penna.

WILLAMETTE GUN SHOP, NEW ADDRESS: 70 Fairview Ave., Salem, Oregon. Custom stocks, barrels, bluing, military conversions, rifles to your specifications.

MAUSERS REBARRELED 30-06; .300 SAVAGE, $25.00. .257, .270, $35.00. Bluing rifles and shotguns $8.50. Handguns $5.50. We have new replacement parts for Mausers. Valley Gun Shop, 1237 Merchant St., Ambridge, Penna.

BULL PUP AND MAGNUM CONVERSIONS, Bull pups any weight or caliber. Enfields converted from .300 Magnum to 505 Gibbs. Write Fred Wells, Gunsmith, Richards Sport Store, Prescott, Arizona.

JAPANESE 7.7MM. (.31) RECHAMBERED TO 30-06, $5.00. Proofed at 70,000 pounds. Exact headspacing. MacFarland Gun Shop, Loman, Minn.

ANTIQUE ARMS REPAIRED AND SPRINGS made. Also do bluing and old style Browning. Moderate prices. Send work express prepaid. Kimball Arms Company, Woburn, Mass. tf

I DUPLICATE ANY RIFLE OR GUN STOCK ready for hand fitting $5.00. Dave W. Thomas, Vineland, N. J.

ATTENTION DEALERS AND GUNSMITHS. I AM distributor for the Texan hunting scope immediate delivery from stock at regular trade discounts. J. L. Vincent, Sporting Goods, Aud, Missouri.

END MILLING CUTTERS USEFUL TO GUN work at fraction of cost. Sets including eight different types for $5.00. Kenfix Company, 3706 Florida Ave., Tampa 3, Florida.

.22 LONG RIFLE BARREL BLANKS 28"X1⅛". Match grade carbon steel $20.00. Manganese Molybdenum steel $25.00. Special prices for quantities. Gregoire Engineering Co., P.O. Box 3114, New Haven 15, Connecticut.

GERMAN PISTOL & RIFLE PARTS, ALSO MANY Colt & S&W parts, new Mannlicher-Schoenauer bolts, will service, rebarrel, recondition any gun. Dept. G. Western Gun Exchange, Whittier, California. 8-47

WE DO MODERN BLUING AND OLD STYLE Browning, let us re-condition those old guns. You will be surprised how it will add to their looks and value. Write for prices, and let us know what you have to re-finish. W. I. Bowman, Danville, Illinois.

HORNET K-HORNET SISK BULLETS. SEND cases parcel post. Reasonable prices. Mandel Custom Loads, Willow River, Minnesota. tf

GUNS BRAND NEW READY FOR IMMEDIATE DELIVERY

FAMOUS
L. C. SMITH
Double Barrel Shotgun, 12-16 gauge, 26"-28"-30" Barrel, double trigger, hand finished. $96.10

AND
MARLIN
Model 36 Carbine, 30/30 Caliber, Lever Action repeater, overall length 38" $55.60
Model 36A. Rifle, 30/30 Caliber, Lever Action repeater, overall length 42" $65.50
Model 36A-DL Rifle, 30/30 Caliber, Lever Action repeater, de luxe model $80.25
Model 81-DL Rifle, 22 Caliber, 25 shot tubular magazine repeater $25.95

IN ORIGINAL CARTONS AND GUARANTEED BY MANUFACTURER

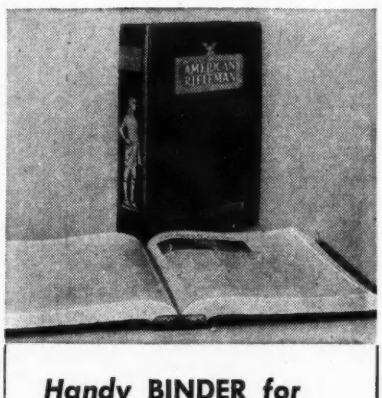
DEALERS WANTED

Harrington & Richardson
Model 165 "Leatherneck" 22 Gauge, Barrel Length 23" $67.44
Model 265 "Targeteer" Bolt Action Repeater, 22 Gauge, Barrel Length 22" $37.61
Model 365 "Regular" Bolt Action Single Shot, 22 Gauge, Barrel Length 22" $29.65
Model 48 "Topper" Single Barrel Shotgun, 12-16-20 Gauge, Barrel Length 30" $20.85

SEND CHECK OR MONEY ORDER TO
TARGET ARMS
Dept. A.R. 303 FIFTH AVENUE NEW YORK 16, N. Y.

KRAG PARTS PRICE LIST FREE. FINE ENgraved custom Varminter on Mauser action, Weaver K2.5. R. Vail, Warwick, N. Y. 7-47

1903 SPRINGFIELD ACTIONS, NICKEL STEEL bolt and receiver, serial number over 1,350,000, $36.00. 1903 actions as above except bolt not of nickel steel, $33.00. Rock Island actions with nickel steel receivers but old style bolts, serial numbers over 290,000, $33.00. Mark I type Springfield actions with Pederson device ejection ports, serial numbers over 1,000,000, $30.00. All actions complete except for sights, barrel, or stock, of smooth prewar manufacture and suitable for rebarreling to any modern caliber. Excellent condition, no reheat treated junk. New 24" service barrel properly headspaced to any of the above actions $12.00 extra. Write for prices on re-barreling to any commercial caliber. N. L. Papernek, 1516 So. Clinton Ave., Trenton, New Jersey.



Handy BINDER for *Your* RIFLEMAN . . .

Keep your magazines clean, compact and readily available for reference. File your RIFLEMAN each month in this handy binder and you'll soon have a volume of information about firearms, available through no other source. Binder comes die stamped as shown and holds a whole year of THE RIFLEMAN. Magazines easily inserted or removed.

POSTPAID $2.50

NATIONAL RIFLE ASSOCIATION
1600 RHODE ISLAND AVENUE
WASHINGTON 6 D C

The Secretary,
National Rifle Association of America
1600 Rhode Island Avenue,
Washington 6, D. C.

I wish to enjoy the benefits of active membership in the Association, including a subscription to THE AMERICAN RIFLEMAN for the term indicated below.

I certify that I am a citizen of the United States,* born on ..... *(Date)*

at ..... *(Place)* ; that I am not a member of any organization or group which has as any part of its program the attempt to overthrow the government of the United States or any of its political subdivisions by force or violence; that I have never been convicted of a crime of violence, and that if admitted to membership I will faithfully endeavor to fulfill the obligations of good sportsmanship and good citizenship.

I inclose remittance of ☐ $5.00 for 2 years ☐ $3.00 for 1 year ☐ New ☐ Renewal.

Signature ..... Occupation .....

Address .....

City ..... Zone ..... State .....

*If a naturalized citizen give place and date .....

ENDORSEMENT FOR NEW MEMBERS

[Endorsed as a good U. S. citizen and sportsman by an N.R.A. Member, officer of U. S. Armed Forces (active or reserve), or by a local public official:]

Endorser .....

Address .....

☐ NRA Member ☐ Public official, including U.S. Armed Forces

BOOKS

Amateur Guncraftsman—Howe	**$4.00**
Automatic Weapons of World—Johnson-Haven	7.50
Basic Manual of Military Small Arms—Smith	5.00
Black Powder Snapshots—Sherlock	5.00
Bullet's Flight, The—Mann.	**6.00**
Canvas Back on a Prairie Marsh—Hochbaum	3.00
Commonsense Shotgun Shooting Etchen	6.00
Complete Guide to Handloading—Sharpe	**8.00**
Comprehensive Small Arms Manual—Haven	**2.00**
Crow Shooting—Popowski	2.50
Colt Dragoon Pistols—Serven-Metzger	3.00
Ducks, Geese and Swans of North America—Northright	4.50
Fast & Fancy Revolver Shooting—McGivern	5.00
Firearms of the Confederacy—Fuller-Steuart	12.50
Gun Care & Repair—Chapel	3.75
Gun Collecting—Chapel	3.00
Gun Collector's Handbook of Values—Chapel	**6.00**
Gunnerman's Gold—Bigelow	7.50
Guns and Gunning—Curtis	5.00
Hand Cannon to Automatic—Logan	5.00
How to Hunt American Game—Vale	**4.00**
Hunting Rifle, The—Whelen	4.75
Hunting Big Game, 2 vols.—Whelen	**8.00**
Kentucky Rifle, The—Dillin	10.00
Mastering the Pistol—Fisher	2.50
Mauser Rifles and Pistols—Smith	5.00
Meet Mr. Grizzley—Stevens	3.50
Modern Gunsmith, 2 vols.—Howe	15.00
Muzzle Flashes—Lenz	15.00
Muzzle Loading Rifles—Cline	7.50
Mannlicher Rifles and Pistols—Smith	5.00
N.R.A. Book of Small Arms—Smith	**10.00**
Our Rifles—Sawyer	5.00
Pistol and Revolver Shooting—Roper	2.50
Principles of Firearms—Balleisen	2.50
Practical Manual of Guns—Decker	1.50
Rifles for Large Game—Keith	**10.00**
Rifle in America, The—Sharpe	**15.00**
Remington Handguns — Karr-Karr	5.00
Sharp's Rifle—Smith	3.50
Smith & Wesson Handguns—Roper-McHervey	7.50
Shotgunning in Uplands—Holland	7.50
Shotgunning in Lowlands—Holland	7.50
Single Shot Rifles—Grant	5.00
Walther Pistols—Smith	2.00
When the Dogs Bark "Treed"—Barker	3.00
Whitney Firearms—Full	**7.00**

We're SORRY! [illegible] SAMWORTH BOOKS are no longer available through NRA Book Service.

NRA Book Service
1600 Rhode Island Ave. N. W. • Washington 6, D. C.

BOOK REVIEWS

THE RIFLE IN AMERICA, By Philip B. Sharpe.

In 1938 Phil Sharpe produced a remarkably large and comprehensive work on a broad subject—the rifle in America.

Time, however, marches on, and the book that covered the subject so adequately in 1938 is now out of date by just nine years and one World War; so Phil, who spent five of those years as an officer of the Ordnance Department, got busy and brought his monumental work up to the minute by the addition of 140 well-illustrated pages of entirely new material. These cover such important subjects as steel cartridge cases; the Springfield Rifles made by Remington and L. C. Smith-Corona during the recent war; the M1 Garand Rifle; the U. S. Carbine; the Johnson semiautomatic rifles and light machine guns; the rifles of World War II; the German arms and ammunition makers' identification codes; and World War souvenirs.

Additional new material is included on recent progress among our domestic rifle makers, the latest developments in telescopic hunting and target sights, et cetera, together with much more which need not be mentioned here.

Owing to its unusually large size, the book is necessarily expensive, but will be found to be well worth the $15.00 it costs.—J. S. H.

(Published by Funk & Wagnalls Company, New York. $15.00. Available through NRA Book Service.)

HUNTING IN THE ROCKIES, By Jack O'Connor.

The author of this book, Jack O'Connor, is well known to readers of *Outdoor Life*. O'Connor has had as much, or more opportunity than most sports writers to do a large amount of big-game hunting. His experiences in the Rocky Mountains form the background for this book.

The uninitiated big-game hunter, or any outdoorsman for that matter, should find this book informative and interesting reading.

With index and numerous O'Connor photographs, the book has more than 300 pages. There are twenty chapters covering the hunting of practically every type of big game in the Rocky Mountains. Also included are suggestions on the type of equipment and clothes a hunter will need and the essential food requirements for a hunting trip in the West.—A. H. B.

(Published by Alfred A. Knopf, New York City, illustrated, indexed. Price $5.00. Available through NRA Book Service.)

THE SJÖGREN SHOTGUN AND THE SJÖGREN MILITARY RIFLE, By Roger Marsh.

The sixth monograph of the Weapon Series contains seven pages of line cuts and descriptive matter on two little known semiautomatic weapons of ingenious and peculiar design. These guns use a fixed barrel and fully locked breech, and work without having to resort to gas operation with its attendant disadvantages. Both weapons were designed to unlock through the action of an inertia block which was supposed to remain more or less stationary as the gun recoiled. The main difficulty was that if the gun were supported too solidly, the relative motion between the inertia block and the rest of the mechanism was liable to be insufficient to unlock mechanism.

The monograph is probably of little if any interest to the average shooter, but it is very much worthwhile to anyone interested in gun mechanisms.

Other pamphlets in the Weapons Series are:

No. 1—First Model Maxim Automatic Machine Gun; No. 2—The Grant Hammond, Savage and Schouboe .45 Automatic Pistols; No. 3—The Full Automatic Mauser Pistol, Model of 1932; No. 4—Russian Tokarev Semiautomatic Rifle; No. 5—The Baby Nambu Japanese 7mm. Pistol.—J. S. H.

(The Weapons Series published by and available from Roger Marsh, Hudson, Ohio. Price, $1.00 each.)

Everything FOR THE Outdoor Man!

TREMENDOUS VALUE! AIR MATTRESSES 40% OFF!

Brand New, Super-DeLuxe Quality. Lightweight.

40% off only because they are slight seconds—factory repaired, completely serviceable—unconditionally guaranteed air-tight. Made in 1947. Real sleeping comfort for camping and outdoor use. Just right for surf-riding, for resorts and outfitters. Folds down to small compact size. Waterproof, lightweight, rubberized fabric. Concealed air-valve.

26" x 48"	*(Regularly $13.50)*	**now $ 7.95**
25" x 72"	*(Regularly $15.00)*	**now $ 8.95**
25" x 75"	*(Regularly $18.50)*	**now $10.95**
30" x 75"	*(Regularly $19.75)*	**now $11.95**

100% WATERPROOF HUNT 'N FISH SUIT *Only* $4.95

First time at this low price! U. S. Navy-designed to stand up under all sorts of long, tough wear and rigorous salt water conditions. Sizes 38-52. State size. Includes Parka Jacket and coverall pants. Specially priced **$4.95** *(complete suit.)*

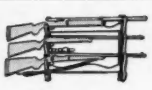
FINE GUNS AND EXTRA BARRELS

Extra barrels for Remington and American Browning Automatic Shotguns. 12, 16 and 20 gauges. *Brand new!* Specify gauge, barrel length and choke desired, also make and model of your gun.

Plain Barrel *(no rib)* **$35.80**

Extra Barrel *With Raised Matted Rib* **$48.95**

Extra Barrel *with Ventilated Rib* .. **$59.80**



WALNUT GUN RACK

Beautifully finished. For 3 Guns. Screws to Wall..... **$4.95**

40% Savings on Genuine JUNGLE BOOTS

Formerly $4.95. **Now $2.95.**

Only sizes 6 to 7½ (incl. half sizes) for men, women and boys, in stock. 12" rot and mold resistant.

BELGIAN BROWNING ILLUSTRATED

BROWNING AUTOMATIC SHOTGUNS!

Brand New 1947 Model American and Belgian Brownings, Ithaca Model 37 and other fine guns.

American Browning 16 gauge: 28 in. mod. choke **$94.40**
American Browning 20 gauge: 26 in. improved cylinder..... **$94.40**
American Browning 20 gauge: 26 in. improved cylinder with raised matted rib.. **$108.15**
Belgian Browning 12 or 16 gauge: state choice of barrel length and choke..... **$103.90**
Belgian Browning 12 gauge: raised matted rib, state choice of barrel length and choke **$116.40**
Lightweight Belgian Browning 12 gauge: state choice barrel length and choke.. **$124.50**
Lightweight Belgian Browning 12 gauge: raised matted rib; state choice barrel length and choke **$137.00**
Ithaca Mod. 37 Lightweight Repeating Shotguns. Any choke, 5-shot capacity. Duck and pheasant scenes on both sides of receiver. 12 ga.: 26, 28 and 30 in. barrels. 16 and 20 ga.: 26 and 28 in. barrels..... **$78.50**

(Add $14.75 for Poly Choke fitted to any Shotgun)

L. C. Smith Field Grade Shotgun, all ga. **$96.10**
Harrington & Richardson "Topper" Single Barrel Shotgun, all ga..... **$20.85**
Marlin Model 36 Carbine .30-.30 caliber..... **$55.60**
Marlin Model 36-A Rifle .30-.30 caliber..... **$65.50**
Marlin Model 81-DL 25-shot .22 caliber Repeating Rifle **$25.55**
Harrington & Richardson Sportsman .22 target revolver **$44.95**
Smith & Wesson Military & Police Revolver .38 special caliber 6-shot (2, 4, 5 and 6 in. barrels)..... **$56.50**
Hi-Score Target Air Pistol, .22 or .177 cal. **$25.00**
Crosman Silent Air Rifle, .22 or .177 cal. **$18.95**
Boy's .22 Bolt Action, Single-Shot Carbine **$8.96**

NEW 1947 MODEL NEPTUNE OUTBOARD MOTOR

Best outboard buy on the market. Precision engineered. *DeLuxe Junior Single*, 1.5 H.P. Weight 17 lbs. A small motor with astonishing power. Suitable for canoes and rowboats **$70.00**

WATER MASTER LIFETIME PLYWOOD BOAT

Entirely new, safe, V-bottom design, offers complete water-tight hull, extremely strong, durable, lightweight, speedy. Strongly reinforced to hold up to 6 H.P. motors. Length 12', beam 42", depth amidship 16". Equipped with floor boards and oar locks. Weight approx. 87 lbs., open model **$102.50**

Special Bargain! HIP BOOTS

SPORTING WEIGHT!

Genuine first quality rubber. All even sizes 6—12. Cleated sole. Comfort cushion insole. Lightweight, uppers. Inside knee harness. Semi-hard toe cap. Olive drab..... *Pair* **$7.95**

Famous TA-PAT-CO SLEEPING BAGS

Nationally-known favorites of outdoor sports lovers who look forward to a good night's rest at the end of an active day! Soft, new kapok quilted filling.

"Scout and Hunter" *(Economy Model)* Size 36" x 82" (wt. 8 lbs.)..... **$19.95**
"Rough and Ready" *(Special Model)* Size 36"x81" (wt. 10¾ lbs.) **$29.95**
"Forest Leader" *(DeLuxe Model)* Size 36" x 78" (wt. 10¼ lbs.).. **$39.95**

WOOL ARMY BLANKETS

100% virgin wool, firmly woven, long fibered, for maximum warmth, minimum weight. Double size 68" x 90". Reg. khaki color. Seamed. Perfect for sportsmen desiring long-wearing blanket. Brand New! **$5.95**

FREE!

With your order for *any* merchandise from this ad: **THREE GIFTS!** Taylor Fish-Finder Thermometer (Retails $1.25) Shakespeare Coble's Fisherman's Calendar, and the new giant 60-page KLEIN'S Sporting Goods 1947 Spring-Summer Catalog *(regularly 25c)*

USE HANDY COUPON—ORDER TODAY! *UNCONDITIONAL MONEY-BACK GUARANTEE!*

KLEIN'S SPORTING GOODS
227 W. Washington St., Dept. ME, Chicago 6, Ill.

All merchandise shipped cheapest way. Shipping charges collect. 20% deposit on C. O. D. orders.

Enclosed find ☐ **Check** ☐ **Money Order for which please send the following:**

(USE SEPARATE SHEET OF PAPER FOR ADDITIONAL ITEMS)

Be sure to include FREE Taylor Fish-Finder Thermometer, Coble's Fisherman's Calendar and Klein's 1947 Spring-Summer 60-page catalog with my order!

Name .....

Address .....

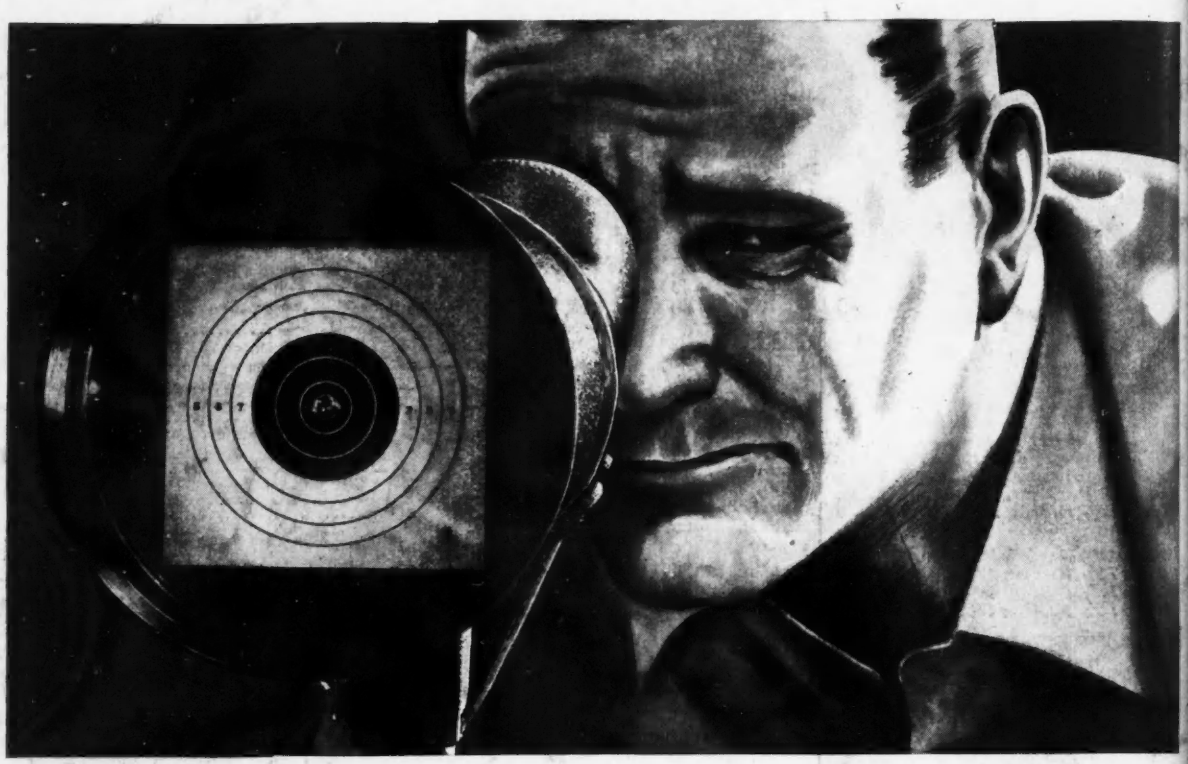
City ..... State .....

KLEIN'S *Sporting Goods*

227 W. WASHINGTON ST.
DEPT. ME
CHICAGO 6, ILLINOIS

MAIL ORDERS FILLED SAME DAY RECEIVED
SATISFACTION GUARANTEED OR YOUR MONEY BACK!

Detroit Public Library



SUPER MATCH ALWAYS IN THE CENTER OF THINGS

MARK II

Wherever you see a group of small bore rifle or pistol match shooters, you find a decided preference for Western Super Match Mark II 22's. These supremely accurate cartridges can be counted upon to center tight groups in the bull time after time. Their superior uniformity is very plainly evident when the competition is tough.

The special smokeless powder with which they are loaded makes them ideal for pistol as well as rifle shooting. One experience with these amazing 22's shows you why they are the most popular smokeless rifle and pistol 22 Match Cartridges on the market. Keep in touch with your regular supplier of match ammunition. Mark II's are being supplied as rapidly as possible. Western Cartridge Company, East Alton, Illinois, Division of Olin Industries, Inc.

* * *

WANTED—Sportsmen to cooperate with farmers, and join local and national organizations for game conservation and restoration.

* * *

A BOOK YOU'LL WANT

Edited with the help of the N. R. A., it gives up-to-date "tips" on rifle shooting—the organizing of rifle clubs, etc.

GOOD COMPANION FOR MARK II's

You get more of everything in the Famous Winchester Model 52 Target Rifle . . . complete accuracy, unquestioned balance, precision sights. The Model 52 Target Rifle has a 28-year record of topping all comers in Regional, State, National, even International Matches.

SPORTSMEN'S SERVICE BUREAU—Dept. 8-AR-C,
Sporting Arms & Ammunition
Manufacturer's Institute, 343 Lexington Avenue, New York 16, N. Y.
Send me free copy of rifle shooting booklet. (Please print.)

NAME_____

STREET & NUMBER_____

CITY_____ STATE_____

Western
WORLD CHAMPION AMMUNITION

DIVISION OF OLIN INDUSTRIES INC.

CARTRIDGES • SHOT SHELLS • TRAPS • TARGETS

GS

One
why
istol
the
your
am-
eing
ible.
any,
n of

ON OF
IN
STRIES
IC.
GETS